



SPRING ANNUAL

1954



Farmers Supply Company

LANCASTER, PENNA.

Farmers Supply Co.
6003 A - 1954

OFFICE COPY

For a Lovely Lawn Select *Scott's*

T.M. Reg.



T. M. REG.

It's a pleasure to offer you Scott's Lawn Care products. Year after year these famous lawn products are responsible for the nations outstanding lawns. These quality products assure a good lawn with little expense.



Scott's LAWN SEED Top quality blend of all perennial grasses that makes the deluxe lawn in full sun or moderate shade. Painstaking selections, triple cleaning and rigid laboratory control assure 99.91% weed-free quality.

1 lb	\$2.45	5 lbs	\$11.75
2 1/2 lbs	5.95	25 lbs	57.50

Scott's "SPECIAL" SEED Selected blend of quick growing grasses. Recommended for the poorer and drier soils or wherever more rugged turf is required. Thrives in shade as well as in full sun with ordinary care.

1 lb	\$1.45	25 lbs	\$34.50
5 lbs	6.95	100 lbs	135.00

Scott's BENTGRASS Top quality seed for those who want lawns smooth as golf putting greens. Sow separately or mix with other Scott's seed.

1 lb	\$1.95	5 lbs	\$9.35
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Scott's CLOVER available separately since clover is not included in Scott blends. This is finest quality high germinating seed.

Small Box 2000 sq ft \$.95 Large Box 5000 sq ft \$1.95

HAVEN Grass Seed contains good proportion of hardy grasses. Gives a pleasing stand of grass in a short time and at moderate cost.

1 lb	\$.85	5 lbs	\$3.95
25 lbs	\$18.85		

LAWN & TURF PEST CONTROL easiest to use form of the best of the new insecticides. Dry formulation of 9% active Chlordane easily and quickly applied with a Scott's spreader. Lethal to Jap Beetles, Grubs, Chiggers, Ants, Chinch bugs.

Box	\$.95	Bag	\$12.75
Box	3.50	10 Bags	107.50

Scott's SPREADERS These practical carts make possible quick, accurate feeding, seeding, weeding and SCUTL-ing so important to lawn beauty. They'll pay for themselves in savings in material. All of sturdy steel construction, rubber tired.

Junior Spreader	\$ 7.95	No 65 Suburban Lawn	19.50
No 25 Medium Size	12.85	No 100 Professional	44.50



LAWN CARE Bulletin service Subscription free to your customers. Digests available in handy pocket book or loose-leaf binders.

Pocket Book	\$.25
Loose Leaf Binder	\$1.00

TURF BUILDER The complete grass food formulated by Scott's especially to keep lawns healthy, vigorous and sparkling green. No offensive odor before or after use. You can feed 100 sq ft for less than a dime. Turf Builder is the most effective and most economical since you need less than half as much.

10 lbs	\$1.35	50 lbs	\$3.95
25 lbs	2.50	100 lbs	7.85

4-XD WEED CONTROL Clean, granular compound of 2,4-D easily broadcast by hand or spreader. Quickly cleans out Dandelions, Plantain, Buckhorn, other broadleaved weeds without harm to lawn grasses.

Box 500 sq ft	\$.49	Bag 11,000 sq ft	\$ 4.85
Box 2,500 sq ft	1.75	10 Bags 2 1/2 Acres	39.50

WEED & FEED Unique combination of chemicals that simultaneously (1) kills broad-leaved weeds via the action of 2,4-D and (2) feeds grass to greater health and beauty. Excellent for restoring run down lawns. Helps grass fill in as weeds wither away.

Box 500 sq ft	\$1.00	Bag 11,000 sq ft	\$11.75
Box 2500 sq ft	2.95	10 Bags 2 1/2 Acres	99.50

SCUTL has three important control actions for lawns. (1) Destroys crabgrass (2) controls fungus diseases (3) controls seedling sprouts of most weeds.

Box 125 sq ft	\$.79	Bag 1250 sq ft	\$5.45
Box 500 sq ft	2.75	Bag 2500 sq ft	9.95



Add 1% Penna. Sales Tax

Farmers Supply Co.
Quick Reference
to
1954 Catalog

Phone : Lanc. 7127



Lawn Needs

*Vegetable
Seeds*

Toys

Strawberries

Flower Seeds

Field Seeds

*Poultry and
Poultry
Supplies*

*Miscellaneous
Supplies*

Fertilizers

**Call or Visit
Farmers Supply Co.
For Your Needs...**

Phone: Lanc. 7127



Outdoor Living



*Toys for the
Children*



*We can fill
Your Tool
Hardware and
Electrical
Needs*



*Hunters
Make
Farmers Supply
Your
Headquarters*

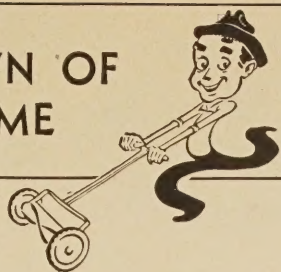


*Paints, Home
and Farm
Maintenance
Supplies*



Pet Supplies

FOR A LAWN OF A LIFETIME



Plant **Seaboard seed**
There's a brand for every need!

There are many kinds, many grades, many brands, and many different prices of lawn seed blends. Whether you desire as fine a lawn seed mixture as you can buy, a medium-priced clean mixture suitable for a good lawn turf, or a low-priced mixture to grow grass in as short a time as possible, there is a Seaboard brand to satisfy your particular needs.

Though for general use it is recommended that you plant the best lawn seed you can buy, you can count upon every Seaboard Lawn Seed Blend to give you the maximum in *quality, value and performance* in its price range. That's why Seaboard Lawn Seed has been chosen for use on the grounds of so many of the nation's outstanding estates, gardens, college campuses, golf courses and private homes. You can be sure of a fine lawn when you plant Seaboard Seed because Seaboard gives you a complete lawn-building program.

FAVORITE LAWN SEED

Favorite is our best seller—a fine-quality blend of pure, sturdy-growing grasses, including Kentucky Blue Grass, Cheiving's Fescue, Red-Top, Rye Grass, Timothy, and White Clover. It is specially prepared to produce a desirable lawn in a short period of time.

Favorite Sunny Mixture

Lb.....\$0 85	10 lbs.....\$7 75
5 lbs.....3 98	50 lbs.....36 00

Favorite Shade Mixture

Lb.....\$0 85	10 lbs.....\$7 75
5 lbs.....3 98	50 lbs.....36 00



VILLA GREEN LAWN SEED

If you want to grow grass in as short a time as possible or wish to plant a lawn in midsummer, use Villa Green Lawn Seed. It is an economically priced blend, composed principally of annual grasses, ideal for home owners who must reseed every year because of chronic soil problems or heavy traffic conditions. Popular with property developers and contractors. Designed for use where quick results are essential.

Lb.....\$0 55	10 lbs.....\$4 85
5 lbs.....2 50	50 lbs.....23 00



HORMO LAWN GRASS SEED

Hormo Lawn Grass Seed is a carefully balanced blend of the finest, *extra* re-cleaned turf grasses, scientifically health-protected with du Pont Arasan and treated with plant hormones. As a result, each plant is enriched and protected against soil-borne diseases. The Hormo Lawn mixture contains over 3,000,000 seeds per pound, all long-lived perennial grasses. For the home owner who wants the best.

Hormo Sunny Mixture

Lb.....\$1 85	10 lbs.....\$17 80
5 lbs.....8 95	50 lbs.....85 00

Hormo Shade Mixture

Lb.....\$1 85	10 lbs.....\$17 80
5 lbs.....8 95	50 lbs.....85 00



PATRIOT LAWN SEED

For the home owner who wants a fine, sturdy lawn, Patriot is a blend far superior to the ordinary mixture. Patriot consists of a carefully balanced blend of highly selected, pure, strong-growing grasses, including Kentucky Blue Grass, Cheiving's Fescue, Poa Trivialis, Colonial Bent, White Clover, and contains no Timothy. It is a quality lawn seed that provides a long-lasting lawn.

Patriot Sunny Mixture

Lb.....\$1 25	10 lbs.....\$11 75
5 lbs.....5 95	50 lbs.....58 00

Patriot Shade Mixture

Lb.....\$1 25	10 lbs.....\$11 75
5 lbs.....5 95	50 lbs.....58 00



MERION B-27 BLUE GRASS MIXTURE

This is the much-publicized Merion Blue Grass developed by the U. S. Department of Agriculture from an original selection made during a drought year on one of the famous golf courses of the Merion Golf Club, Ardmore, Pennsylvania. The tremendous demand over the nation for Merion Blue Grass by turf experts is the result of its great disease resistance, its ability to compete favorably with crab-grass and thrive during drought periods, and its tolerance of close mowing.

In addition to 40% Merion Blue Grass, this mixture consists of 50% Illahee Fescue, a tough fine-leaved perennial grass of exquisite beauty, and 10% Certified Highland Bent, the finest grade of the most hardy variety of Bent famed for its production of golf greens.

Due to its high purity, germination and seed count and its being 100% fine-leaved perennial grasses, a pound is plenty for from 500 to 600 square feet. Supply exceedingly limited for spring.

Lb.....\$3 75	5 lbs.....\$18 50	25 lbs.....\$90 00
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SCOTTS SEED

ATHLETIC FIELD SEED

Football and baseball fields and similar areas; golf tees and fairways on light sandy soils

For areas that can be watered in dry periods. Top-quality seed. Thrives under moderately close clipping with reel-type mowers. Sow 4 to 6 pounds per 1000 square feet, 150 to 250 pounds per acre.

25 lbs.....\$28 50	100 lbs.....\$105 00
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PLAYGROUND SEED

Non-watered athletic fields; fairways on poor soils; ground covers around institutions; golf-course roughs; roadsides

For late spring and summer plantings that cannot be watered. Mowing should be 2 inches or higher with rotary or sickle-bar mower. Sow 4 to 8 pounds per 1000 square feet, 150 to 300 pounds per acre.

25 lbs.....\$22 00	100 lbs.....\$79 00
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Old English Lawn Seed



Old English Shady Lawn Seed

Here is a well-balanced blend prepared to thrive under a wide variety of soil conditions. There are just enough of the quick-germinating nurse grasses to insure a green lawn in a minimum of time, developing a rapid root system to prevent erosion while your permanent lawn is being established.

This mixture is the result of over forty years' experience. It contains Fancy Kentucky Blue Grass, Red-Top, Chewings' Fescue, Bent Grass, genuine White Clover and Fancy Rye Grass. Truly the all-purpose lawn seed for the average home owner. Also excellent for large areas such as estates, cemeteries, schools, parks and public playgrounds.

Lb.....	\$1 30	10 lbs.....	\$12 60
5 lbs.....	6 40	50 lbs.....	62 00

This blend consists of over 40 per cent Fescue, most of which is Chewings' Fescue, the one grass that develops a fine, firm matted turf in hard-to-grow places, such as under trees and in shaded areas around buildings. There is included in this mixture enough of the various perennials to blend with the Fescue and give you a deep thick turf that not only looks well but will withstand hard usage.

For those shaded areas it pays to use lawn seed especially prepared for that purpose, and **Old English Shady** is the answer to this perplexing lawn problem.

Lb.....	\$1 28	10 lbs.....	\$12 40
5 lbs.....	6 35	50 lbs.....	61 00

SPLENDORLAWN

A leader for quality at a popular price. Splendorlawn is popular among customers who desire rapid growth, resistance to drought and abuse, and easy maintenance. Blended from domestic grasses that have been tested for purity and germination. This mixture contains White Dutch Clover in a well-balanced blend.

Sow at the rate of 2 pounds per 300 square feet.

Lb.....	\$0 84	50 lbs.....	\$39 00
5 lbs.....	4 05		

SPLENDORLAWN SHADY

A moderately priced mixture, not equal to OLD ENGLISH Shady but capable of producing a fine sod in shady or deeply shaded areas. It contains a generous amount of Poa Trivialis, Chewings' Fescue, and Red-Top, skillfully blended with the right proportions of Domestic Rye Grass and Timothy.

Sow at the rate of 2 pounds per 300 square feet.

Lb.....	\$1 04	50 lbs.....	\$48 00
5 lbs.....	5 05		

Individual Grass Seeds

New Zealand White Clover

Rapid, vigorous growth makes a protective stand against crabgrass. This is a hardy, perennial, low-growing Clover with diminutive foliage and inconspicuous flowers that assure you a velvety green lawn. Use 1 pound for 800 square feet for patching or new lawns, or combine 1 to 10 with your favorite lawn mixture.

Lb.....	\$1 25
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Seaside Bent Grass

This is a hardy creeping variety forming an ideal turf of dark green color, uniform in texture. Does well in moist situations, making rapid growth and adapting itself to any soil, particularly acid. Excellent for putting greens and fine lawns. For lawns, sow 5 pounds per 1000 square feet.

Lb.....	\$1 65	10 lbs.....	\$16 00
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Chewing's Fescue

Recommended for fine lawns and putting greens. It resists drought and gives good results under trees. Succeeds on sandy soils, making a close sod. For pasture sow 30 pounds to the acre; for lawns, 8 pounds per 1000 square feet.

Lb.....	\$0 85	10 lbs.....	\$8 00
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Red-Top

A valuable, permanent, narrow-bladed grass especially adapted to our climate. Red-Top, along with Kentucky Blue Grass, is the basic ingredient of all good lawn seed mixtures. It makes a quick growth and for this reason serves as a protection to the slow-starting Blue Grass or other fancy grasses which may be in a lawn mixture. For satisfactory results, up to 20 per cent of a lawn formula may be composed of Red-Top.

Lb.....	\$1 25	100 lbs.....	\$110 00
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White Dutch Clover

Some White Clover is usually included in lawn grass mixtures, for it makes an excellent turf that stands constant trampling. It also stimulates the growth of the separate grasses by helping to control soil temperatures and by adding to the fertility of the soil. It is of dwarf habit, spreads rapidly and is very hardy.

1 lb.....	\$0 30	Lb.....	\$1 00
1/2 lb.....	55		

Merion Blue Grass (B27)

Shows marked disease resistance, drought tolerance and aggressive growth compared with other grasses. Use at the rate of 1 pound per 500 square feet. Because of low seed production this past year, supply will be limited.

Lb.....	\$5 95
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Kentucky Blue Grass

This is undoubtedly the best lawn grass for neutral soils. Its splendid root system forms a tough sod that will stand hot, cold or dry weather. Although Blue Grass requires about two years to get established, it is well worth waiting for. Can be sown in a mixture of other grasses. Sow in fall or spring at the rate of 5 pounds per 1000 square feet.

Lb.....	\$2 25	10 lbs.....	\$22 00
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Domestic Rye Grass

This is one of the very best grasses for use as a cover crop on lots or gardens. It has a deep root system, which is a source of organic matter for the soil when plowed under, during March or April. The seed may be sown about the time of the last cultivation (July to September).

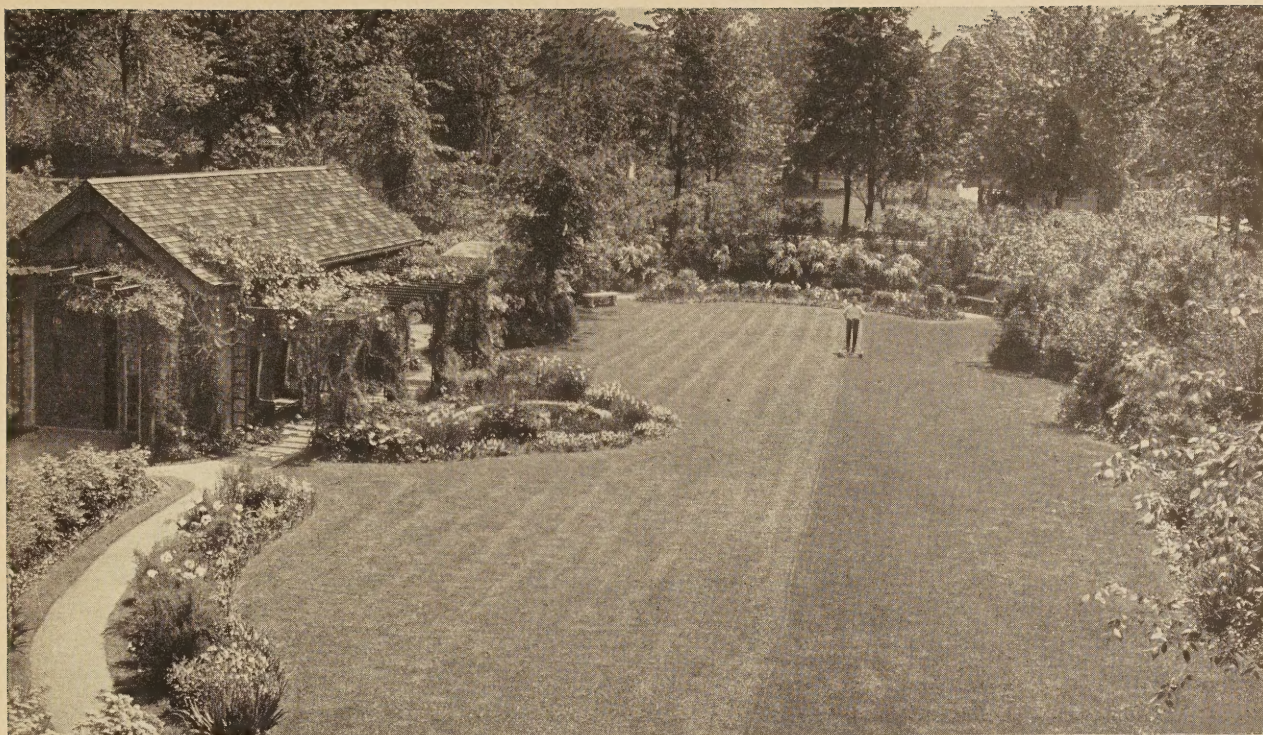
Deep preparation of the soil prior to planting is not necessary. Sow at the rate of 20 pounds per acre.

Lb.....	\$0 20	100 lbs.....	\$17 00
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Perennial Rye Grass

A very desirable addition to permanent mixtures. Forms a close, heavy sod. Rapid grower. Sow 20 pounds per acre.

Lb.....	\$0 26	100 lbs.....	\$22 00
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VIGORO

The Complete Plant Food for Every Lawn

Here is the easy and absolutely safe way to feed your grass. New Process Vigoro is the result of a Swift and Company research program aimed at making Vigoro easier to use on grass, yet so complete that, combined with the natural elements in even the poorest soil, plants receive a complete balanced diet.

A lawn is composed of thousands of tiny grass plants requiring plant food from the soil. It is known that grass needs a minimum of eleven different plant-food elements.

Vigoro complete plant food is made to supplement the natural elements in the soil, whether it is poor sandy soil, heavy clay or medium loam. Your soil plus Vigoro supply grass all of the many different elements required from soil for the finest growth.

How to Feed Lawns Early, Before Growth Starts

An ideal time to feed lawns in northern areas is in late March or early April. Merely spread Vigoro at the rate of 3 pounds per 100 square feet. No watering in is necessary. The alternate freezing and thawing weather of early spring helps to get the plant food down to the roots.

How to Feed Growing Lawns

Wait until the grass is dry, and apply evenly. Use a lawn sprinkler and soak the Vigoro into the ground.

See what a difference Vigoro makes on YOUR lawn!

for LAWNS, FLOWERS, SHRUBS and TREES



A Product of Swift

VIGORO PRICES	10 lbs.	\$0.95	50 lbs.	\$2.55
	25 lbs.	1.70	100 lbs.	4.85

Add 1% Penna. Sales Tax

Complete Line of SMALL PACKAGE FERTILIZERS & SOILS for Flowers and House Plants

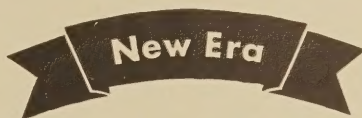
Complete Plant Foods for Flowers and House Plants

VERTAGREEN

Lb. \$0 15
5 lbs. 53

VIGORO

Lb. \$0 15
5 lbs. 53



AFRICAN VIOLET SOIL

A special soil recommended and used by many African Violet Societies. Produces maximum growth and blooming.

4 lbs. \$0 39



POTTING SOIL

An excellent prepared soil for potted plants, seeds and bulbs. Makes all plants grow and bloom.

4 lbs. \$0 39



PEAT HUMUS

A highly organic soil conditioner extracted from bogs and processed to provide the most benefit to plant and soil. Keeps in good condition in plastic bag until used.

3 lbs. \$0 39

A clean, odorless, soluble powder that makes complete plant food immediately available. Simply dissolve in water and apply. Produces bigger plants, larger vegetables, more flowers, better lawns and trees. Stimulates root growth on cuttings, reduces shock to transplants. For use in soil, sand or water (hydroponics). Economical . . . 1 ounce makes 6 gallons balanced liquid food. Non-burning.



HYPONEX
Grows BETTER
Plants QUICKER

1-oz. pkg. \$0 10 1-lb. can. \$1 00 50-lb. drum. \$25 00
3-oz. can. 25 10-lb. drum. ... 8 00 100-lb. drum. 40 00

PLANTABBS

For indoor plants and garden flowers. Small, white, odorless tablets. A complete properly balanced fertilizer guaranteed the high analysis of nitrogen 11 percent, phosphoric acid 15 percent, potash 20 percent. Water-soluble, and dissolve quickly. 30 tablets, 25c.; 75 tablets 50c.; 200 tablets \$1.00; 1000 tablets \$3.50.



SUDBURY SOIL TEST KITS

Only by scientifically testing your garden soil can you be sure of the plant-food elements it contains. Then you will know what additional elements you must supply through the use of fertilizers. Sudbury Soil-Test Kits are the convenient, sure way to test soil. Easy to use. Tests for nitrogen, phosphorus, potash and acidity.

Home Gardener Kit. \$2 98 New De Luxe Professional Kit. \$29 95



HOFFMAN COW MANURE

An economical, weed-free plant food that also improves soil texture. Will not burn. Dissolve in water for an excellent liquid food for house plants.

28 ozs. \$0 29 | 3½ lbs. \$0 55

HOFFMAN SHEEP MANURE

A fertilizer and tonic. Contains potash corresponding to vitamins for humans. Adds brilliance to blooms.

28 ozs. \$0 29 | 4 lbs. \$0 55

HOFFMAN PEAT MOSS

Soil conditioner; adds humus, conserves moisture, prevents baking. Use also as a mulch around plants, summer and winter.

16 ozs. \$0 39 | 1½ bus. \$1 98

HOFFMAN ROSE FOOD

Especially prepared for feeding roses. It is 70 percent organic and will not burn tender roots and leaves.

32 ozs. \$0 39 | 5 lbs. \$0 69

HOFFMAN HYDRATED LIME

Sweetens soil by reducing acidity.

38 ozs. \$0 29 | 5 lbs. \$0 45

HOFFMAN HYPER-HUMUS

A natural soil builder and conditioner, not a fertilizer. It consists of entirely decomposed vegetable matter, naturally impregnated with lime. Filled with soil bacteria, which help many plants to attain vigorous growth.

32 ozs. \$0 29 | 100 lbs. \$4 69

HOFFMAN RAW BONE MEAL

Promotes root and stem growth. Supplies phosphorus. Dissolves slowly; lasts a long time.

32 ozs. \$0 39 | 5 lbs. \$0 79

HOFFMAN POWDERED TOBACCO

An insecticide, not a fertilizer. Kills aphids, plant lice and other soft-bodied insects. Use on roses, mums and other flowers.

20 ozs. \$0 29

HOFFMAN VERMICULITE

A moisture-retaining soil conditioner. No weed seeds. Use it for African violets, to start seeds in flats, to root cuttings.

8 ozs. \$0 29



TERRA-LITE (Vermiculite). Terra-Lite Plant Aid is specially graded vermiculite designed for horticultural use. It is not a fertilizer, but has proved to be an ideal growing medium, for rooting cuttings, plant propagation, seed germination, mulch, and many other uses. 20 lbs. \$2.35; 3 lbs. 89c.; ¾ lbs. 39c.

MICHIGAN PEAT

- RETAINS MOISTURE
- BINDS SANDY SOILS
- LOOSENS CLAY SOILS
- RELEASES NITROGEN
- AERATES—NOURISHES
- PUTS NEW LIFE IN SOILS

A "MUST" IN YOUR GARDEN!

½ pk. 65c.; pk. 89c.; bus. \$1.69



SOIL CONDITIONERS, CRAB GRASS KILLERS, ETC.

DU PONT SOIL CONDITIONER

Improves Soil Structure—Benefits Plant Growth



Improves clay soils and reduces surface crusting. Water and air are made more available to plant roots, and seedlings can more easily emerge from the ground. Reduces erosion and improves soil drainage.

For use on flower beds, vegetable gardens, around shrubs and ornamentals, in building new lawns and reconditioning old ones.

Where plants are growing, break up crust and lumps by shallow cultivation; for new garden areas, work soil, fertilize, and seed or plant in the usual manner. Then dissolve Du Pont Soil Conditioner in water and apply with a sprinkling can. Use at the rate of ½ cupful (1 ounce) per gallon of water, applied to 12 square feet of worked-up soil. Soil so treated will retain the qualities of newly cultivated soil even after heavy rains.

This is not a plant food and does not take the place of fertilizer. Its function is to stabilize worked-up soil against packing by water. It has little effect on muck and light sandy soils or on soils that have not first been loosened up. 4 ozs. \$1.25; 8 ozs. \$1.95; 2 lbs. \$6.75.



Krilium*

SOIL CONDITIONER
Special **MERLOAM**® Formulation



Greatest improvement in soil structure occurs when Krilium soil conditioner is properly applied to problem soils. There are no seasonal limits to application as long as soil is in workable condition.

Krilium soil conditioner can be used to advantage in preparing soil for home gardens, in flower beds (whether existing or newly planted), around shrubbery, for building or rebuilding lawns, in planting boxes and potted house plants.

Five pounds of Krilium will treat up to 600 square feet, depending on what depth treatment is desired. Lb. \$1.39; 5 lbs. \$4.95.

Write for prices on larger quantities.

New MIRACLE-GRO

ALL-PURPOSE PLANT FOOD
FOR ALL GROWING THINGS

A wonderful new development in liquid plant food. Starts feeding your plants immediately; supplies essential growth elements within fifteen minutes after application. Plants fed with Miracle-Gro grow stronger, larger and healthier, producing better fruit and exquisite flowers.

This is a perfectly balanced formula of nitrogen, phosphoric acid, potash, plus essential plant minerals, hormones and vitamins. Absolutely safe; cannot burn even when applied to exposed roots. One pound makes 300 pounds of liquid fertilizer. Simply dissolve 1 tablespoonful of Miracle-Gro in a gallon of water. Then apply directly to the plants, following the easy directions on the package.

No spreader needed; odorless; easily stored; economical. No waste; no filler. Enters the soil at once and cannot wash away.

Use it on fruit and shade trees, shrubs, vegetables, flowers, berry bushes, evergreens and house plants. The easiest method of feeding trees, for it is not necessary to dig holes for this fertilizer. 1½ lbs. \$2.25; 5 lbs. \$5.00.



WEEDONE Crab Grass Killer

Non-poisonous. Contains potassium cyanate. Kills crab grass and chickweed without killing clover, blue grass and other desirable grasses. Can be used on seedling or mature crab grass. Harmless to soil; breaks down to beneficial fertilizer elements. Readily soluble in water. Easily cleaned from sprayer with plain water. Low in cost; economical to use.

6½ ozs. \$1.00, postpaid \$1.20; 26 ozs. \$3.00, postpaid \$3.25.



DU PONT P. C. Crabgrass Killer

Recommended by lawn care specialists. Kills crabgrass and chickweed at any stage of growth. Based on potassium cyanate. Easy to use as spray; does not corrode equipment. Reseeding and fertilizing can follow immediately after application. Each bottle contains lawn care hints. Two handy sizes: 7½-oz. bottle (treats 750 to 1500 sq. ft. of lawn) \$1.00; 30-oz. size (treats up to 6000 sq. ft.) \$2.95.



LIME CHART

Pounds of Finely Ground Limestone Required to
Correct Soil Acidity (Use ½ Less Hydrated Lime)

Soil Acidity pH	Pounds of limestone per 1000 square feet of surface			
	On light sandy soil	On medium sandy loam soil	On loam and silt loam soils	On clay loam soils
4.0	90	120	165	200
4.5	80	105	150	180
5.0	70	90	120	150
5.5	45	60	90	120
6.0	None	None	None	None

NOTE: Light applications of ground limestone, at the rate of 25 pounds per 1000 square feet, have proved beneficial on soils that have received no lime for some years, even though the soil has a pH value of 6.0.

Ten Steps to A GOOD LAWN

1. Have the soil surface smooth and well graded, with 4 to 6 inches of fertile top soil before seeding.
2. About a week before sowing, mix into the soil 2 to 3 pounds of balanced lawn fertilizer per 100 square feet.
3. Sow a high-quality seed mixture at recommended rate.
4. Follow with proper raking, rolling and watering.
5. Mow lawn not lower than 1½ inches tall.
6. Follow a regular fertilizer schedule, applying plant food at least once a year.
7. Control lawn pests as soon as they are noted.
8. Lawn should receive at least several hours of sunlight each day.
9. In the fall remove leaves and other debris that may smother grass.
10. Keep off lawn during winter and spring as much as possible.

POWER MOWERS

REO REEL MOWERS

Reo Deluxe Runabout No. WH-18



REO Deluxe Runabout
No. WH-18. Full 18-in. Cut, \$129.50

1¾ H.P., 4-cycle Reo easy-starting engine. Lightweight; easy to handle. Climbs steep grades. Two-way cutting height, ½ to 2¾ inches. Will not stall at low speeds. Pull knob to start mowing; push to stop. Efficient air filter prolongs engine life. Reel: 5 high carbon steel blades, precision sharpened; 4 steel spiders; solid steel shaft. 3-section hardwood rear roller. Rubber-tired wheels with heavy diamond tread.

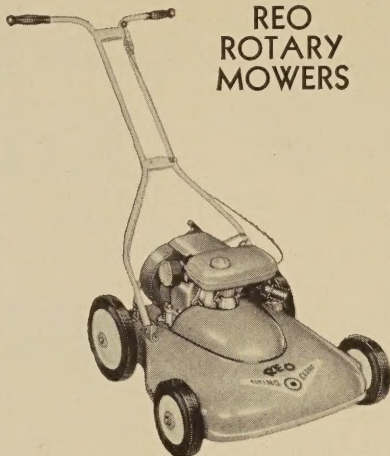
REO Deluxe Royale No. WH-21
Full 21-in. Cut, \$139.50

1¾ H.P., 4-cycle Reo easy-starting engine. Climbs steep grades and cuts tough grass. Variable speed, up to 3½ miles per hour. Adjustable cutting height, ½ to 2¾ inches. 2 to 1 gear reduction permits low throttle, slow speed operation without stalling. One knob to stop, start or vary speed. Automatic re-wind starter. Efficient air filter prolongs engine life. Reel: 5 alloy steel blades, precision sharpened; 5 double riveted steel spiders; solid steel shaft.

REO Deluxe Trimalawn
No. RH-25. Full 25-in. Cut, \$227.50

1¾ H.P., 4-cycle Reo easy-starting engine. Trimmer-type, eliminates hand trimming. Climbs steep grades; withstands shocks and stresses. Push-pull clutch to engage reel separately, and cutting unit retractable so mower may be transported easily over gravel drives or walks, under its own power. Trims within 1¼ inches of trees, walls and shrubbery. 6½ to 1 gear reduction. Permits low-throttle, slow-speed operation without stalling. Cutting height adjustable from ½ to 2¾ inches.

REO ROTARY MOWERS



REO Deluxe Flying Cloud
No. TH-20. 20-in. Cutting Width
\$129.50

1¾ H.P., 4-cycle Reo easy-starting engine. Front and side trimmer type rotary mower. Cuts tall grass, weeds, brush, anything cuttable. Designed to throw grass clippings away from mower. High carbon steel blade, 3 inches wide. Easily accessible for sharpening. Slip disc clutch will give if blade strikes hard object.

REO Deluxe Sabre-Jet
No. THS-21. 21-in. Cutting Width
\$169.50

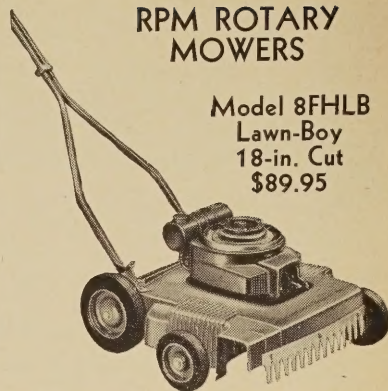
1¾ H.P., 4-cycle Reo easy-starting engine. Self-propelled, rotary mower with trimming features. Two-speed shift—"creeper" permits propelled operation through tall weeds and heavy matted grass; "high" for comfortable pace over the lawn. Oil bath air cleaner. Automatic re-wind starter. Sturdy base with side grass ejection chute. Precision ball bearings on all drive shafts.

REO Deluxe Electra-Lawn
No. THE-18. 18-in. Cutting Width
\$74.50

3450 R.P.M., ½ H.P. General Electric Motor. Starting switch in handle. Automatic cut-out switch protects motor during sudden overloads. Reversible handle permits user to operate mower back and forth without turning. Heat-treated high carbon steel blade. Adjustable cutting height, 1 to 3 inches.

RPM ROTARY MOWERS

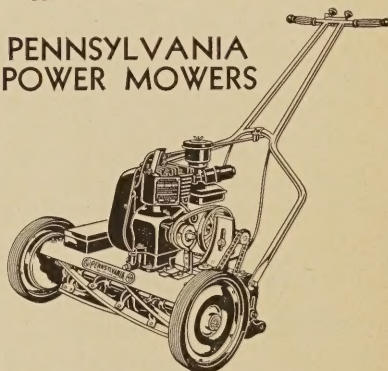
Model 8FHLB
Lawn-Boy
18-in. Cut
\$89.95



Light-weight aluminum housing. Suction-lift blade with tip cutting design to reduce power requirements. Discharge chute sprays clippings evenly, eliminating raking. Blade shielded on all sides. Snap-on handle brackets; handle mounts or dismounts in seconds without tools. Adjustable cutting edge. Model 18-in. Cut has a 2-cycle engine.

Model 1RBLB. 21-in. Cut, \$114.50
Model 21-in. Cut has a 4-cycle, 2 H.P. Briggs & Stratton engine.

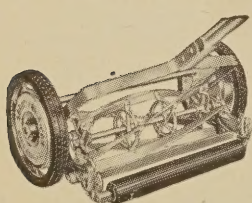
PENNSYLVANIA POWER MOWERS



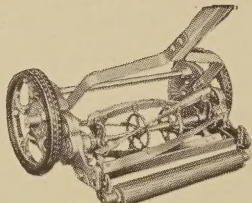
Simple to operate, sturdy in construction. Made of high-quality castings and hardened steel. Here is a power mowing unit that is scientifically designed and with sufficient weight to give maximum traction and stability. Look at these features: stub tooth gearing, hardened steel sprockets, special lifetime ball-bearing clutch, ball and oil-retaining bronze bearings throughout, simplified chain and height of cut adjustment, wide range of speeds, fingertip push-pull controls for carburetor and clutch, Briggs & Stratton engine.

Penna. Exeter. 18-in. cut. \$124 50
Penna. De Luxe. 21-in. cut. 142 50

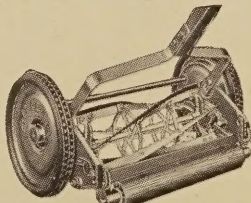
ALSO—A Well-Rounded Line of High Quality Hand Mowers



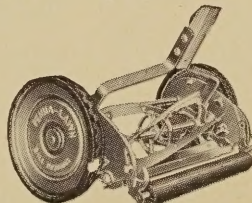
GREAT AMERICAN
Choice of professional gardeners.
15 in. \$31 40
17 in. 33 35
19 in. 36 60



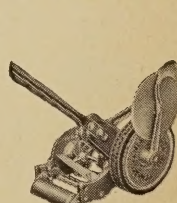
PENNSYLVANIA, JR.
For heaviest duty and unusual cutting conditions.
17 in. \$43 00



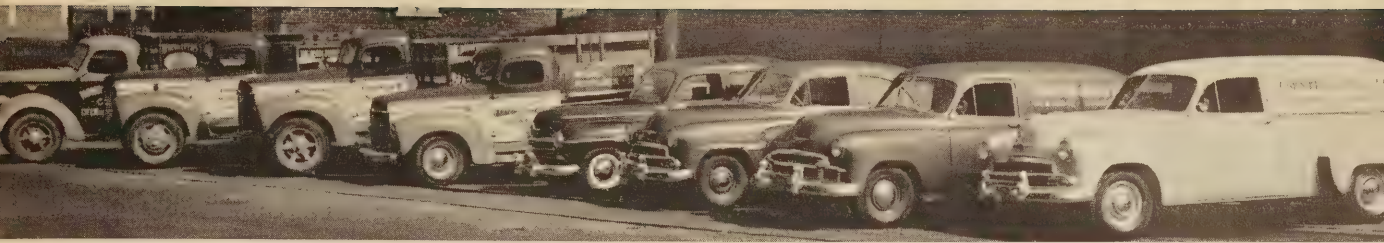
METEOR
For terrace and very fine grasses.
16 in. \$37 50
19 in. 39 95



PENNA-LAWN
For small lawns. Easy to Push. Sturdily Constructed.
16 in. \$23 45



TRIMMER & EDGER
Does trimming and edging easier, faster, better.
6 in. \$24 75
6 in., less Edger... 22 70



A Word To Our Customers

Again we offer our annual seed catalog to our customers and friends. We think of you as friends, because we believe that friendship and a successful business are built on the same foundation—mutual respect.

We treat every order with the greatest consideration. Our aim is to send out only the best of seed, tested and of high germination. We pride ourselves on the good name we have earned in our area, based on our goods and our service.

We also handle a large line of horticultural supplies, grass seed, annual flower seed, insecticides, plant foods and related sundries, as well as a good supply of toys and playground equipment, baby chicks and ducklings.

Our fleet of delivery trucks is at the service of those living in Lancaster County. Beyond this area, we send by parcel post, freight or express.

With best wishes for your 1954 garden,

A. Lloyd Groff

John E. McGraw

Trading as

FARMERS SUPPLY CO., 137--139 E. King St., LANCASTER, PENNA.

TERMS OF BUSINESS

SEEDS DELIVERED FREE. We pay postage on all Packets, Ounces, Quarter Pounds, or Pounds of Vegetable and Flower Seeds, ordered at list prices. This also applies to Peas, Beans, and Sugar Corn up to 5 pounds; larger quantities than these, carrying charges extra. This does not apply to Field and Grass Seeds, Seed Potatoes or Flowering Plants, which will be sent at regular Parcel Post, Freight or Express Rates. Minimum order, \$1.00.

OUR TERMS are always cash with order, or satisfactory reference. **SAFE ARRIVAL.** We guarantee safe arrival of all goods sent by Express or Mail to any point within the United States proper.

AN ORDER BLANK for your convenience in placing your order will be found in this Catalog.

EXPRESS or FREIGHT shipments should have the name of the station plainly given where different from the Post Office.

GIVE FULL DIRECTIONS always whether shipment is to be made by Freight, Express or Parcel Post.

WARRANTY. The Farmers Supply Co. warrants to the extent of the purchase price that seeds and plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

THE PENNA. SALES TAX is 1% or 1 cent for each dollar or fraction of a dollar. Vegetable Seeds, Plants and Roots are exempt to all, including home-gardeners. The tax is payable only on flower seeds, bulbs, roses, and miscellaneous garden supplies.

HOW AND WHEN TO PLANT A HOME GARDEN

VEGETABLE	Average Number of Seeds per Ounce	Amount Required for 100 Feet of Drill	Amount of Seed Required Per Acre	Depth of Planting	Put Rows Apart	Set Plants Apart in Row	Months to Plant	Crop Matures in About
BEANS, Dwarf	100	1 lb.	60 lbs.	1 in.	3 ft.	6 in.	2-9	2 to 3 mos.
Beans, Pole	100	1/2 lb.	30 lbs.	1 in.	3 ft.	1 1/2 ft.	3-8	2 to 3 mos.
Beet, Garden	1,750	1 oz.	6 lbs.	1 in.	2 ft.	6 in.	1-4, 9-10	2 mos.
Beet, Mangel	1,200	1 oz.	5 lbs.	1 in.	3 ft.	1 ft.	9-10	4 to 6 mos.
Brussels Sprouts	6,500	1/4 oz.	4 ozs.	1/2 in.	2 1/2 ft.	1 1/2 ft.	10-5	2 to 2 1/2 mos.
CABBAGE	5,000	1/4 oz.	4 ozs.	1/2 in.	2 1/2 ft.	2 ft.	1-4, 8-11	2 to 2 1/2 mos.
Carrot	14,000	1/2 oz.	2 lbs.	1/2 in.	2 ft.	6 in.	1-4, 9-10	2 to 3 mos.
Cauliflower	14,000	1/4 oz.	4 ozs.	1/2 in.	3 ft.	2 1/2 ft.	5-7	3 to 4 mos.
Celery	100,000	1/4 oz.	4 ozs.	1/2 in.	3 ft.	6 in.	1-5	4 to 5 mos.
Chard, Swiss	1,750	1 oz.	8 lbs.	1 in.	2 ft.	4 in.	9-4	2 to 3 mos.
Collards	4,500	1/4 oz.	4 ozs.	1/2 in.	2 1/2 ft.	15 in.	2-4, 7-9	4 mos.
Corn, Sweet	125	1/4 lb.	12 lbs.	1 in.	3 ft.	12 in.	3-8	2 1/2 to 3 mos.
Cucumber	1,000	1/2 oz.	2 lbs.	1 in.	6 ft.	4 ft.	3-8	2 to 3 mos.
EGGPLANT	5,000	1/4 oz.	4 ozs.	1/2 in.	2 1/2 ft.	2 ft.	1-6	4 mos.
Endive	13,500	1 oz.	2 lbs.	1/2 in.	2 1/2 ft.	8 in.	9-4	3 mos.
KALE	7,500	1/4 oz.	1 lb.	1/2 in.	2 1/2 ft.	18 in.	9-4	2 to 3 mos.
Kohlrabi	7,000	1/4 oz.	1 lb.	1/2 in.	2 1/2 ft.	6 in.	9-4	2 to 3 mos.
LETTUCE	16,000	1/2 oz.	3 lbs.	1/2 in.	2 ft.	8 in.	9-4	2 to 3 mos.
MELON, Musk	1,200	1/2 oz.	2 lbs.	1 in.	6 ft.	4 ft.	3-7	3 to 4 mos.
Melon, Water	225	1 oz.	2 lbs.	1 in.	8 ft.	6 ft.	3-7	3 to 4 mos.
Mustard	18,000	1/2 oz.	1 lb.	1/4 in.	4 ft.	2 1/2 in.	9-6	3 to 5 weeks
OKRA	425	2 ozs.	8 lbs.	1 in.	3 ft.	2 ft.	4-7	3 mos.
Onion	12,500	1 oz.	4 lbs.	1/2 in.	2 ft.	5 in.	9-4	4 to 6 mos.
PARSLEY	17,500	1/4 oz.	3 lbs.	1/8 in.	2 ft.	6 in.	All year	3 mos.
Peas	50 to 150	1 lb.	60 lbs.	1 in.	3 ft.	3 in.	8-9, 12-4	2 to 4 mos.
Pepper	4,000	1/4 oz.	2 ozs.	1/2 in.	3 ft.	13 in.	1-6	2 1/2 to 4 mos.
Pumpkin	100	1/2 oz.	4 lbs.	1 in.	10 ft.	8 ft.	3-8	3 to 4 mos.
RADISH	5,000	1 oz.	10 lbs.	1/2 in.	1 1/2 ft.	3 in.	All year	3 to 5 weeks
SPINACH	3,000	1 oz.	8 lbs.	1 in.	2 ft.	2 in.	9-2	40 to 65 days
Squash, Summer	300	1/2 oz.	4 lbs.	1 in.	4 ft.	3 ft.	3-7	2 to 3 mos.
TOMATO	7,500	1/4 oz.	1 1/2 ozs.	1/2 in.	5 ft.	3 ft.	1-7	2 1/2 to 4 mos.
Turnip	10,000	1/2 oz.	1 lb.	1/4 in.	2 ft.	6 in.	All year	2 to 3 mos.

ALL PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

Vegetable Seeds that Succeed

ASPARAGUS

One ounce to 50 feet of drill;
about 4 pounds to the acre

CULTURE. Sow the seed early in spring, in drills about 1½ feet apart and 1 inch deep. When the plants are 2 to 3 inches tall, thin them out to stand 3 inches apart. Keep them well cultivated and allow them to remain where they are until the next spring. Then carefully dig up the roots and replant them in their permanent place, following the instructions given under Asparagus Roots. Be sure to locate the Asparagus bed where it will not be disturbed, for it will produce for about fifteen years.

Mary Washington. A rust-resistant variety with mammoth shoots of tempting color and outstanding quality. A heavy producer. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. \$2.50.

Asparagus Roots

CULTURE. The roots should be planted early in the spring. Dig a trench 12 to 15 inches deep, and in the bottom of it place well-rotted stable manure or a complete fertilizer and hydrated lime; cover with a layer of soil. Roots should be spaced about 18 inches apart, with 4 feet between rows. Cover them with soil to a depth of 8 inches, and add more earth gradually as the shoots grow. Apply more fertilizer late in summer, and a winter mulch of stable manure or grass clippings. Do not cut any shoots until the second year. Use a sharp knife, and make the cut just below the ground surface.

Mary Washington. Produces straight, dark green shoots of wonderful flavor. Vigorous and rust resistant. 2-yr. roots, \$1.00 for 25; \$3.50 per 100; \$33.00 per 1000, at Lancaster store.

ARTICHOKE

One ounce will produce about 500 plants

CULTURE. Sow seeds in January in the greenhouse or in hotbeds in March. Transplant, when large enough, in rows 3 feet apart, 3 feet apart in the row. Keep the plants well cultivated and discard all suckers except five or six of the largest. These larger ones may be detached from the main stem and replanted when they reach transplanting size. Plenty of fertilizer and moisture is necessary, especially when the flower heads are developing. The plants must be mulched heavily over winter or must be brought into a cellar or coldframe.

Green Globe. Makes an excellent salad, or the scales and base of the flower-buds may be boiled and eaten like asparagus. Usually bears the second year. Pkt. 25c.

Minimum Order \$1.00, postpaid

BEANS

Minimum Order \$1.00, postpaid

Every garden, large or small, must have Beans, for they are among the finest of all vegetables. They are filled with flavor and health-giving vitamins and furnish the best of food when fresh, canned, dried or frozen. Pick Green-podded and Wax Beans early and often for heavy crops.

Green-podded Bush Beans

Two pounds will plant 100 feet of drill; 70 pounds, an acre. A peck weighs 15 pounds, a bushel 60 pounds.

Burpee's Stringless. (Ready to pick in 50 days.) An improved form of an old favorite. The Beans are absolutely stringless and the plants hardy. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Early Bountiful. (Ready to pick in 48 days.) An early, flat-podded Bean with rich green, stringless pods 6½ to 7 inches long. Brittle and tender, yet a splendid shipper. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Giant Stringless. (Ready to pick in 52 days.) Very long, nearly round, straight pods of medium green. Vigorous, spreading plants. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Tendergreen. (Ready to pick in 53 days.) This grand Bean produces quantities of absolutely stringless, round, meaty, tender, deep green pods, 6½ to 7 inches long. The quality and flavor are unexcelled and last well even after canning. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Red Kidney. (Ready to pick in 95 days.) Long, kidney-shaped pods, light red in color. Excellent for baking; a heavy producer. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Large White Marrow. (Ready to pick in 100 days.) Largely planted for shelling in winter or for use in the green state. A larger Bean than White Navy. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

Dwarf Horticultural. (Ready to pick in 56 days.) Flat, broad pods, dark green splashed with carmine. Very prolific. For eating as green shell or snap Beans. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

White Navy or Boston Pea. (Matures in 90 days.) The most popular of the so-called baking Beans. Easily grown and very productive. ½lb. 30c.; lb. 55c.; 5 lbs. \$2.50.

BULK QUOTATIONS

Prices on seed at our Lancaster store not prepaid. Price of bag lots on request.

	10-lb. to 50-lb. lots
	10 lbs.
Dwarf Yellow Beans.....	\$5.30
Dwarf Green Beans.....	4.80
Bush Lima Beans.....	5.30
Pole Lima Beans.....	5.30

CULTURE. Plant about May 1 if soil is warm and dry, in rows 2½ to 3 feet apart, dropping the Beans 3 inches apart in the drills and covering not more than 2 inches deep. Soil should be well prepared. Give frequent but shallow cultivation. Sow every two weeks for a succession.

Wax Beans

Black Wax Pencil-Pod. (Ready to pick in 52 days.) A popular all-purpose variety with long, round, bright yellow pods over a long season. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Brittle Wax. (Ready to pick in 56 days.) Clear light waxy-colored pods 5½ to 6½ inches long; round and slightly curved. No strings or fiber. Tender, flavorful Beans. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Improved Golden Wax. (Ready to pick in 50 days.) Our improved strain of Golden Wax, rustproof to a remarkable degree and an early and free producer of perfectly stringless, thick, flat, yellow pods. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Top-notch. (Ready to pick in 51 days.) Popular in the home-garden because it is so early. Long, brittle, stringless pods. Strong growing and prolific. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Edible Soy Beans

Many varieties of edible Soy Beans have been imported from the Orient by the Department of Agriculture, and detailed studies as to their adaptation to growing conditions in this country have been made. As a result, many varieties suitable for table use have been developed. They are very prolific, highly resistant to disease and insect pests, and very nutritious when cooked and served like Lima Beans.

Bansei. (95 days.) Plant medium, very erect, a heavy producer and ripens quickly. Beans at green eating stage are dark green, oval in shape. ½lb. 30c.; lb. 50c.

Kordite New Revolutionary!
FOR SAFE, SANITARY, FROZEN FOOD STORAGE

Moisture-resistant, tough, reusable.

4 POPULAR SIZES
KORDITE FREZE BOXES

Climbing or Pole Beans

One pound will plant 100 hills;
30 pounds, an acre

Horticultural. (Ready to pick in 75 days.) The short pale green pods are streaked with red and the Beans are splashed and spotted with wine-red. The Beans are of the highest quality either green or dry. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Kentucky Wonder or Old Homestead. (Ready to pick in 65 days.) One of the earliest and most productive of the green-podded varieties. Silvery green, entirely stringless pods hang in great clusters from base to top of the pole. These Beans cook deliciously tender. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Kentucky Wonder Wax. (Ready to pick in 65 days.) A standard variety bearing great quantities of waxy yellow, flat, meaty pods. Nearly stringless. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Lazy Wife. (Ready to pick in 74 days.) An all-purpose Bean, excellent for snaps and green shelled or dry Beans. The broad, thick, stringless pods are 5 to 7 inches long. Seed roundish white when dry. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Sickle (Old-fashioned). (Ready to pick in 75 days.) Long, meaty, stringless pods. A very heavy yielder and one of the best quality. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

LIMA BEANS

CULTURE. Limas do best in a rich, well-drained, sandy soil and should not be planted until the ground is dry and warm. Plant the seeds edgewise, with the eye down, and cover with about 2 inches of soil. Space seed of the dwarf varieties about 4 inches apart, in 2½-foot rows. In planting pole varieties, place four to six seeds in each hill and thin to the three best plants.

Bush Lima Beans

One pound will plant a 100-foot row;
60 pounds, an acre

Burpee's Improved. (Ready to pick in 75 days.) A flat-seeded bush Lima with larger pods and thicker Beans than Burpee's Bush. Plant is larger, more vigorous and more productive. Pods slightly curved, moderately thick, containing 4 or 5 very large Beans of good quality. ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

BUSH LIMA BEANS, continued

Fordhook 242. (Ready to pick in 75 days.) A new heavier yielder than the original Fordhook type. Pods 3 to 4 inches long, with 3 or 4 thick green Beans which keep their color well. Does well under adverse weather conditions such as heat and humidity. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Henderson's. (Ready to pick in 65 days.) A popular home-garden variety, very early and very productive. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Improved Fordhook. (Ready to pick in 75 days.) Large thick pods in clusters, each containing 3 to 5 meaty, plump Beans that stay green. Bears early and for a long time. Plant short, bushy, erect. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Pole Lima Beans

One pound will plant 50 hills;
45 pounds, an acre

King of the Garden. (Ready to pick in 85 days.) Luxurious growth produces large pods filled with 5 or 6 perfect Beans of luscious quality which retain their green color when dry. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

SAVE THE SEED—INCREASE THE YIELD

SPERGON SEED PROTECTANT

Spergon applied to seed prior to planting reduces the risk of seed decay and damping off. Earlier planting of peas, beans, lima beans and corn is possible even during damp spring weather. Assures better stands, healthier plants and higher yields. Easy and safe to use. Directions on packet. Oz. 25c., postpaid 35c.

BEETS

One ounce will sow 50 feet of drill;
6 to 7 pounds, an acre

Beet tops have unusually high food value, for they are rich in vitamins A and C and rank high as suppliers of calcium and iron. Save all your Beet tops, especially the little ones pulled out in thinning; they make delicious cooked greens.

CULTURE. Beets do best in fairly light, well-enriched soil which is kept well cultivated during the season. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and for a succession continue sowing up to the middle of August. When 3 inches tall thin out to 4 inches apart.

Late Beets can be kept for winter use by packing the roots in slightly moist earth in a cool cellar.

Crosby's Improved Egyptian. (50 days.) Superior strain of Egyptian with deep blood-red flesh. Roots are slightly flattened globes with small tap-roots. The larger tops are in demand for greens. A perfect forcing Beet. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.20.

Detroit Dark Red. (60 days.) A standard dark red turnip-shaped Beet. The dark green tops are tinged with red and stand up well. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.20.

Eclipse Extra Early. (55 days.) Remarkable for its rapid growth, perfect flesh and medium foliage. Roots are bright glossy red and very fine-grained. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.20.

New Century. (75 days.) Another variety excellent for winter storage. Roots are almost globe shaped, tapering somewhat toward the end. The flesh is dark red, sweet and tender; tops are distinctly light green. Stays good all winter. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.10.

GERMACO HOTKAPS



Use Hotkaps to protect your Cabbage and other early-set plants. Valuable protection against frost, storms and insects. Quick and easy to use. 25 for 95c, postpaid \$1.20. 100 for \$3.15, postpaid \$3.65.

BROCCOLI

One ounce will produce 2500 to 3000 plants

Broccoli is an excellent source of vitamins A and C and supplies both calcium and iron.

CULTURE. Start seed in hotbeds in early spring or sow in garden when soil is in condition to work. Transplant to open ground when plants are six weeks old, setting them 2 feet apart in row.

Italian or Early Calabrese. (75 days.) This Broccoli makes a tall branching plant with a central head of bluish green buds; after this central head is cut, each branch forms a smaller head so that there is continuous production for 8 to 10 weeks. This is a delicious vegetable becoming more popular every year. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.70.

BRUSSELS SPROUTS

One ounce will produce about 2500 plants

Brussels Sprouts are high in vitamin C and have some vitamin A.

CULTURE. The plants are very hardy and may remain outdoors in many locations during the winter. Frost improves both quality and flavor of the vegetable. Handle seed and small plants like late cabbage.

Long Island Improved. (120 days.) Compact plants growing about 20 inches tall and bearing round, solid sprouts $1\frac{1}{2}$ inches in diameter. Has a more delicate flavor than cabbage. Very satisfactory all over the country. Pkt. 10c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.35.

CABBAGE

One ounce will produce 2000 to 2500 plants;
 $\frac{1}{4}$ pound should plant an acre

Cabbage is especially valuable for its vitamin C.

CULTURE. Cabbage does best in fresh, rich, well-manured soil deeply prepared. For very early use sow in January or February in hotbeds and transplant to other hotbeds when ready, or sow in coldframes in March. When frost-danger has passed, transplant to open ground, $1\frac{1}{2}$ to 2 feet apart in the row.

Later crops can be sown outside from late March until early May, in drills from transplanting; or better, sow in the field-rows, thinning out instead of transplanting. Days listed are from setting of plants.

Extra-Early Varieties

Golden Acre. (65 days.) A Copenhagen type with smaller solid round heads maturing 7 to 10 days earlier than Copenhagen Market. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Jersey Wakefield. Selected Stock. (65 days.) The most popular early pointed-head Cabbage. Our selected stock has medium-sized solid heads with few outer leaves. Heads all mature at one time, an important feature when the land is wanted for another crop. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Early Varieties

Copenhagen Market. (70 days.) A dependable market variety maturing high-quality heads averaging $3\frac{1}{2}$ to 4 pounds each. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Marion Market. Yellows-Resistant. (78 days.) A yellows-resistant strain of Copenhagen Market with the parent's round head and crisp tenderness. Succeeds where non-resistant strains fail completely. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Wisconsin All Season Select. Yellows-Resistant. (85 days.) A yellows-resistant strain of the fine Allhead Early. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

Late Varieties

Danish Ballhead. (103 days.) A deep round head that is very hard and compact. Good for kraut, storage, and shipping. Stays crisp and tender. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Late Flat Dutch. (110 days.) An old favorite with truck gardeners who appreciate its large size, solidity, uniformity and good keeping qualities. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Penn State Ballhead. (110 days.) Medium-sized, very hard heads of attractive bright green. Yields heavily and is a good keeper. Short stems; uniform in size and weight. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Red Rock. (100 days.) The largest and heaviest yielding red Cabbage. Slightly flattened, globe-shaped heads. Very firm and solid. Keeps well; used for pickling and cole slaw. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Wisconsin Ballhead. Yellows-Resistant. (95 days.) A yellows-resistant strain with uniform, very hard, ball-shaped heads. Short stems and blue-green leaves. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

Frostproof Cabbage Plants

Ready for delivery the last week in March. Grown locally in flats, 30c. per doz. Plants cannot be mailed.

Chinese or Celery Cabbage

A Chinese vegetable which is becoming more and more popular, finding a ready sale in city markets. Heads are easily blanched and may be used as a salad or boiled like cabbage. The plants are tender and heads must be gathered before frost.

Chihili. (75 days.) A very early variety which is a sure header, producing heads 18 to 20 inches long and $3\frac{1}{2}$ to 4 inches through. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Wong Bok. (85 days.) A short, broad head, very solid and compact. Heads are self-folding and require no blanching. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

CAULIFLOWER

One ounce will produce about
2000 plants.

Cauliflower is valuable for its vitamin C.

CULTURE. Same as Cabbage. When heads are about 2 inches in diameter tie up the outer leaves to blanch the head.

Autumn Giant. (130 days.) While heads are not as tightly formed as earlier varieties, they remain fit for use longer. Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

Early Snowball. (90 days.) This best known of all Cauliflowers may be planted early in spring or late in fall. The dwarf plants with their pale green leaves form a perfect background for the large, solid, pure white heads of excellent quality. Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

CARROTS

One ounce will sow 100 feet of row;
3 to 4 pounds, an acre

Carrots are one of the best sources of the important vitamin A. Eat plenty of Carrots.

CULTURE. Carrots do best in rich, sandy loam well pulverized and kept deeply cultivated. Sow seed thinly in rows and cover with $\frac{1}{2}$ inch of soil, treading down firmly. Sow as early as ground is workable and at intervals up to July for latest crop. Thin out to 4 inches apart. Keep well cultivated.

Chantenay. (72 days.) A broad stump-rooted Carrot 5 inches long and $2\frac{1}{4}$ inches through at shoulder. The roots are smooth; deep orange flesh is fine-grained and tender. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Danvers Half-Long. (75 days.) Large, cylindrical, smooth Carrot of dark orange. The flesh is close in texture with little core. It thrives in all soils and is one of the heaviest producers grown. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Toucho. Of superior quality. Roots 6 inches long and $1\frac{1}{2}$ inches thick, sweet, tender and free of fiber. Bright orange in color. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

Farmer's Coreless. (70 days.) Smooth blunt roots of medium size. Bright orange in color. Of excellent quality. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Red-Core Chantenay. (70 days.) This tender, sweet Carrot is reddish orange all the way through. There is no yellow core to spoil the looks when it is sliced. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

Streamliner. Very long, slender, cylindrical roots with a scarcely noticeable core. In color it is rich orange. Fine grained, sweet and tender, this is a choice Carrot for those who prize mild flavor. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

CELERY

One ounce will produce about 5000 plants;
 $\frac{1}{8}$ ounce will sow 100 feet of row;
 $\frac{1}{4}$ pound, an acre

CULTURE. Sow from late March through April in rich mellow ground in shallow drills and keep well watered. Celery seed germinates in about two weeks if the soil is kept always moist. Transplant when the seedlings are 5 to 6 inches tall to stand 5 to 6 inches apart in the row. Keep well cultivated and blanch by earthing up when plants are large enough. We give the approximate number of days to maturity, but this varies.

Fordhook (Emperor). (130 days.) Stems almost round. A green Celery that blanches to silvery white with a large golden heart. Keeps well. Pkt. 10c.; oz. \$1.25; $\frac{1}{4}$ lb. \$3.35.

Giant Pascal. (135 days.) A strong-growing Celery with dark green leaves and large thick stalks which blanch easily. They are solid and crisp, with a rich nutty flavor. Pkt. 10c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

Golden Self-blanching. (115 days.) Growth is vigorous and compact. Straight stalks, rich golden yellow, solid, crisp and delicious. Pkt. 10c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

Houser. (140 days.) A very fine late green variety. Sweet, delicious flavor; thick, meaty stalks and hearts. Splendid for home and market. Pkt. 10c.; oz. \$1.25; $\frac{1}{4}$ lb. \$3.35.

Prices on seed at our Lancaster store not prepaid. Price of bag lots on request.

10-lb. to 50-lb. lots
Per lb.

Sweet Corn, 8-Row.....	\$0.35
Sweet Corn, Open-Pollinated.....	.30
Sweet Corn, Hybrid.....	.53
Sweet Corn, Hybrid Silver Cross.....	.73

CELERIAC

Turnip-rooted Celery

One ounce will sow 800 feet of row

CULTURE. Seed should be started indoors and transplanted when large enough to stand 8 inches apart in the row. Use when the roots are about 2 inches across. Culture is much the same as celery except that it is not hilled up, since the edible portion is the roots. Prefers well-manured, fairly moist soil. Frequent cultivation and watering during dry times produce the finest roots.

Large Smooth Prague. (120 days.) A variety with large, smooth, round roots which may be boiled or used in soups, stews, etc., to give a celery-like flavor. Pkt. 10c.; oz. 80c.; $\frac{1}{4}$ lb. \$2.35.

CHICORY

$\frac{1}{2}$ ounce will plant 100 feet of row;
4 pounds, an acre

Witloof or French Endive. (110 days.) Seed should be sown in open ground not later than June and thinned out to stand 4 to 6 inches apart. The plants form large parsnip-shaped roots which are lifted in fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. Roots can be forced in a frame, greenhouse or warm cellar. This winter forcing produces attractive blanched heads which make pleasing salads. Pkt. 10c.

CHIVES

A small plant of the onion family, with leaves used for flavoring soups and stews. The plants are hardy and will last for years. Pkt. 10c.

CRESS

One ounce will sow 100 feet of row

Water-Cress. This delicious salad plant is a true perennial. Water-Cress may be grown in moist ground but does best in shallow clear running water. Pkt. 20c.; oz. \$1.25.

SUGAR OR SWEET CORN

One pound plants 200 hills;
10 to 12 pounds, an acre

CULTURE. Corn should never be planted until the ground has become warm and dry. For succession plant every two weeks until the middle of July. Corn thrives in rich, well-manured ground. In hand planting, make a shallow hole with corner of the hoe, drop 6 kernels of Corn, cover with an inch of soil, and press down with the hoe. Hills should be 3 feet apart. Thin out to 3 plants in each hill. Extra-early varieties can be planted as close as $1\frac{1}{2}$ feet apart.

OPEN-POLLINATED

Extra-Early

Golden Bantam. (80 days.) An old favorite unsurpassed in lusciously sweet flavor. Small ears with 8 rows of creamy yellow kernels. Plants dwarf but they often bear two ears. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Vanguard. (79 days.) A very fine early white Corn. Highly disease-resistant. Ears average 8 inches in length, with 12 rows of pearly white grains. For home or market. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Early

Early Evergreen. (85 days.) Seven-inch ears bearing deep, white grains in 14 or more irregular rows. Very sweet in flavor. A good canning variety. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

OPEN-POLLINATED SWEET CORN, continued

Late

Country Gentleman. (95 days.) Ears 7 to 8 inches long. Small cob, thickly covered with long, slender white grains, not in rows. Delicious flavor. Slow in maturing but often has three ears to a stalk. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Eight-row. (95 days.) A main-crop variety bearing ears 7 to 9 inches long, with 8 rows of sweet kernels. Many stalks produce two or three ears. $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Stowell's Evergreen. (95 days.) Ears 8 to 9 inches long, with 12 to 16 rows of very deep, sweet white grains. The standard main-crop white Corn. Very popular for home use and also with market gardeners and canners. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

HYBRID SWEET CORN

Golden Cross Bantam. (85 days.) Maturing four to five days later than Golden Bantam, this hybrid is resistant to wilt and is a heavy producer. Ears average 12 rows of golden yellow kernels. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

lochief. One of the foremost of the new hybrid Sweet Corns, first introduced in 1951. A deep golden yellow hybrid of the same season as Golden Cross Bantam. Ears are 9 to 10 inches long, with 16 to 18 rows of very deep grains. Excellent flavor and tenderness. Yields have been heavier than Golden Cross Bantam. Broad, medium green leaves. Stalks are somewhat resistant to heat and drought and stand up well against heavy winds. This is a superior variety that every grower should try. $\frac{1}{2}$ lb. 35c.; lb. 65c.; 5 lbs. \$3.00.

Marcross. (72 days.) Ready for use about ten days earlier than Golden Cross Bantam. Ears 6 to $7\frac{1}{2}$ inches, averaging 12 rows of light yellow, very sweet kernels. $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

Silver Cross Evergreen. (90 days.) A white hybrid similar to Evergreen but earlier, much more uniform, and produces a greater yield. More tender and sweet also. $\frac{1}{2}$ lb. 45c.; lb. 80c.; 5 lbs. \$3.75.

Stowell's Hybrid. (98 days.) Bronze Medal, All-America Selections. Sturdy stalks bear slightly tapered ears with 16 to 18 rows of deep white kernels. $\frac{1}{2}$ lb. 35c.; lb. 65c.; 5 lbs. \$3.00.

Pop-Corn

Golden Queen. (115 days.) Long slim ears; kernels creamy white when popped. $\frac{1}{2}$ lb. 25c.; lb. 40c.

White Rice. (110 days.) Short ears with long, pointed translucent kernels which pop snow-white. $\frac{1}{2}$ lb. 25c.; lb. 40c.

COLLARDS

One ounce will sow 200 feet of row

A large Kale popular in the South, unexcelled as a producer of winter and spring greens. Collards provide vitamins A, C, and B₁.

CULTURE. Sow thickly in rows any time up to September, in rich ground, transplanting when about 4 inches high, or sow where the plants are to remain and thin out to stand 2 feet apart.

Southern or Georgia. (75 days.) The old-time favorite which stands all kinds of adverse conditions without injury, providing good greens in soil too poor to grow cabbage. Pkt. 10c.; oz. 15c.

CUCUMBER

One ounce will plant 50 hills;
2 pounds, an acre

CULTURE. Cucumbers prefer rich, loamy, fairly moist soil and should not be planted until ground is warm. Plant in hills, dropping 6 to 8 seeds in each hill and covering with $\frac{1}{2}$ inch of soil; thin to 3 or 4 strongest plants in each hill. Continue planting at intervals for succession. Cucumbers for pickles may be planted during June and early July. For an extra-early crop start seed in small pots in hotbeds.

Chicago Pickling. (58 days.) Rounded fruit with square ends; green in color with smooth skin and few spines. Splendid for pickles. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Early Cluster. (50 days.) A slender-fruited variety that makes fine pickles. The vines often bear fruits in clusters of two or three. Bears a long time if fruits are kept picked. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Early Frame (Short Green). (58 days.) A good pickling variety. Produces nice medium-sized Cucumbers for slicing. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Gherkin or Burr. (60 days.) Small spiny fruits used when small for pickling. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.70.

Improved White Spine. (64 days.) The very best for early market. Keeps its intense dark green color very well. Skin is smooth; fruits are uniform, 8 to 9 inches long, with tapering ends. Very firm, crisp flesh. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Long Green Improved. (62 days.) Rich dark green color, straight and cylindrical. Fruits are about 10 inches long. A heavy yielder and a favorite everywhere. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Straight-8. (66 days.) Gold Medal, All-America Selections. This splendid Cucumber averages 8 inches in length by $1\frac{1}{2}$ inches in diameter. Fruits are uniform in shape and of a rich, deep green color which is free from striping. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

EGGPLANT

One ounce will produce at least 1000 plants;
 $\frac{1}{4}$ pound will sow an acre

CULTURE. Eggplant seed germinates slowly. It should be started in a hotbed and the plants set out when 2 inches high, provided both soil and air are warm; they will not stand chilling. Plants should be spaced $1\frac{1}{2}$ to 2 feet apart in row.

New York Purple. (83 days.) Large, nearly round, dark purple fruits that are very meaty. A single plant often bears 6 to 8 fruits of excellent quality. Pkt. 10c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

ENDIVE

One ounce will sow 150 feet of row;
3 pounds, an acre

Endive furnishes vitamins A and C and a fair amount of iron.

CULTURE. As Endive is usually used for fall and winter salads, the seed should be sown in rows during June and July and the plants thinned out to stand 1 foot apart in the row. When nearly grown, tie the outer leaves together to blanch the hearts. For an early crop the seed should be sown about April 15.

Broad-leaved Batavian. (90 days.) Deep green leaves, broad and flat, with a thick midrib. Blanches well if the outer leaves are tied together at the top. Very hardy and bears a heavy crop. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Giant Green Curled. (95 days.) A self-blanching variety. Curly, dark green leaves which are finely cut give the plant a feathery appearance. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

KALE or BORECOLE

One ounce will sow 200 feet of row;
4 pounds, an acre

Kale is a vitamin and mineral special, providing vitamins A, C and B₁, and riboflavin, calcium and iron, the first two vitamins in top quantities.

CULTURE. This hardy vegetable furnishes splendid greens for winter and spring use, the quality being improved by some frost. Sow seed $\frac{1}{2}$ inch deep in rows from May to September. If large plants are wanted, thin to stand $1\frac{1}{2}$ to 2 feet apart in row.

Dwarf Curled Scotch. (55 days.) Beautiful dwarf plants which lie flat on the ground, forming a double-deck; withstands frost and seldom winter-kills where temperatures do not go below zero. The heavily curled leaves are a distinct blue-green color, attractive and of high quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.80.

KOHLRABI

One ounce sows 200 feet of drill;
4 pounds, an acre

CULTURE. Sow in rows as early in spring as possible, thinning out to stand 6 inches apart in the row. For a succession sow every two weeks until hot weather. Plant in late July for a fall crop. The bulbs should be used when young and not over $2\frac{1}{2}$ inches through; large bulbs will be woody.

White Vienna. (55 days.) Picked when young and tender and properly prepared for the table, this vegetable is a splendid food with a flavor resembling both cauliflower and turnip. Easy to grow, requiring no more care than cabbage; it is one of those "different" things everyone should try. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.

LETTUCE

One ounce will sow 300 feet of row;
3 pounds, an acre

Lettuce is an excellent source of vitamin A and furnishes a goodly quantity of vitamin C.

CULTURE. Sow seed in rows as soon as the ground can be worked. Cover the seed $\frac{1}{2}$ inch deep and press soil down firmly. Or sow in a hotbed in February or March, transplanting to a sheltered position for an early crop. Thin plants to 8 inches apart for good head Lettuce or leave them close together for loose-leaf kinds. Lettuce does best during cool, moist weather.

Heading Varieties

Big Boston. *Special Stock.* (75 days.) A real all-season Lettuce of the Butterhead type, succeeding in frames for spring and outdoors for summer and fall. Handsome large heads with outer leaves tinged bronze at edges and blanched hearts of rich buttery yellow; crisp, tender and sweet. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Great Lakes. (82 days.) A crisp heading Lettuce of very fine quality; tender and sweet. Stands summer heat and sun very well, and does well in cool weather too. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.60.

Iceberg. (82 days.) A popular hard-headed Lettuce adapted for either spring or summer use. The wavy, light green, outer leaves are tinged reddish brown at edges and the hearts are unusually white, crisp and sweet. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

New York No. 12. (77 days.) Immense heads with the leaves closely folded. Inner portion blanches readily and is always crisp and tender. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Loosehead or Cutting Varieties

Black-seeded Simpson. (45 days.) The frilled and crumpled leaves of light yellowish green are crisp and tender. It is an attractive early cutting variety. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.00.

Grand Rapids. (43 days.) A valuable early variety making upright growth with broad, wavy, heavily fringed light green leaves. Very tender and sweet. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.00.

Prize Head. (50 days.) Curly, crisp leaves in a large, loose head, bronzy green on the outside and emerald-green inside. Very good flavor. A fine sort for home-gardens. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.00.

Cos or Romaine Lettuce

Paris White. (66 days.) Heads are 8 to 10 inches tall, the outer leaves medium light green, the interior greenish white. A splendid summer salad having a refreshing sweet flavor. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

MUSKMELON or CANTALOUPE

One ounce will plant 50 hills;
2 to 3 pounds, an acre

CULTURE. Melons thrive in rich light soil. Plant in hills 4 to 6 feet each way in early May, placing a forkful of old manure under each hill and 10 to 12 seeds in each hill; thin out to 3 plants to the hill when the plants are well established. Pinching off ends of vines when they are a foot long will increase production. For an early crop start seeds in small boxes in a hotbed.

Bender's Surprise. (95 days.) An oblong, salmon-fleshed variety. Light greenish yellow when ripe, with heavy rind and coarse netting that make it good for shipping. Sweet flavor. Very prolific. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Extra-early Hackensack. (82 days.) Large, flat, well-netted melons. Flesh thick, green, of superior flavor. Fine for an early crop. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Hale's Best. (82 days.) Attractive melons with heavy netting and inconspicuous ribs. Exceptionally thick, deep salmon flesh of fine sweet flavor. A very small seed-cavity. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Hearts of Gold. (90 days.) Nearly round fruits averaging 3 pounds each, distinctly ribbed and covered with fine gray netting. The deep salmon flesh is very thick, sweet, juicy and fragrant. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Rocky Ford or Netted Gem. (85 days.) Known everywhere for its finely flavored, deep meaty green flesh. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Tip Top. (90 days.) Large, slightly oval fruits, yellow when mature, with delicious, sweet, bright salmon flesh. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Use Vigoro on Melons

BEFORE PLANTING SEEDS—To give plants a quick start, place 1 heaping tablespoonful of Vigoro in each hill and cover with several inches of soil before planting seeds.

SIDE DRESSING—When melons are about the size of a jelly bean, apply 1 heaping tablespoonful of Vigoro around each hill. This second feeding is important in getting the melons on the early market when prices are at their peak.

Use Vigoro for Quality—Heavy Yields—Early Maturity.

MUSTARD

One ounce will sow 100 feet of row; 3 pounds broadcast, an acre, or 1 to 2 pounds if drilled in rows

Mustard greens are tasty and highly nutritious, being an excellent source of vitamins A and C and supplying both calcium and iron.

CULTURE. Sow in February, March or April for spring use and in August and September for fall use. Sow in rows and thin to stand 6 inches apart. The greens are best if soil is rich and kept well watered.

Southern Giant Curled. (35 days.) A popular Mustard in the South. Plants are strong-growing and produce long, wide, yellowish light green leaves, heavily crumpled and curled at edges. Excellent flavor. Can be planted in fall for early spring salad. Pkt. 10c.; oz. 15c.

ONIONS

One ounce will sow 100 feet of row; 5 pounds, an acre

CULTURE. For sets sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops die off in summer, remove the sets to a dry, airy place, and early in the following spring replant by placing them in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The Onions obtained by this process are of a large size early in the season. May also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or early in April, in strong land, well manured, and thinning them out to 3 to 4 inches apart in drills. They thrive in a strong, rich, deep, loamy soil. By sowing Onion seed in frames in February and March, and transplanting in April, Onions of immense size can be obtained.

Prizetaker. (100 days.) A mammoth Yellow Globe derived from the huge Spanish Onion, the largest and handsomest Onion in cultivation. It can be grown to full size from seed. Mild flavor. Pkt. 10c.; oz. 70c.; ¼lb. \$2.00.

Southport White Globe. (110 days.) Of true globe form, the Onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine-grained, snowy white in color and very mild flavor. Pkt. 10c.; oz. 75c.; ¼lb. \$2.00.

Silverskin or Portugal. (110 days.) Large, silvery white Onions with fine-grained, hard flesh. Mild in flavor. A general-purpose variety; keeps well and makes a big crop. Pkt. 10c.; oz. 50c.; ¼lb. \$1.50.

Yellow Globe Danvers. (110 days.) An oval-shaped, straw-colored Onion which is a splendid keeper. Flesh white, crisp and mild. Pkt. 10c.; oz. 45c.; ¼lb. \$1.35.

ONION SETS

We will send by mail postpaid either Yellow or White Onion Sets at ½lb. (about 1 pt.) 25c.; 1 lb. (about 1 qt.) 40c., safely packed.

We Supply Onion Sets in Any Quantity up to Carloads.

White Silverskin

Yellow Danvers

Write for latest prices. Prices subject to market changes.

Freezer space is too valuable to waste on any variety which makes low-quality or bulky frozen products. Uniformity in size is an important consideration, too; for example, asparagus spears and snap beans are stored to better advantage if they are all of a size.

Success in freezing vegetables starts with selecting the proper varieties for freezing.

OKRA

One ounce will sow 50 feet of row; 8 pounds, an acre

Okra provides vitamins A and C in helpful quantities. Its green pods are popular in the South where they are used in soups, stews, etc.

CULTURE. Okra seed requires warm ground to germinate and should not be planted before mid-May in this section. Sow 1 inch deep in rows, in rich ground. Thin to stand 15 to 18 inches apart in the row. Keep cultivated.

Long White. (60 days.) Long, smooth, white pods freely produced. Tender and good flavor. A fine variety for marketing. Pkt. 10c.; oz. 15c.

PARSLEY

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre

CULTURE. Parsley needs a mellow, rich soil. The seed is slow to germinate and should be soaked a few hours in warm water before being planted. Then plant ½ inch deep and thin to stand 8 to 10 inches apart. If the leaves of curly varieties are all cut off when they are 3 inches tall, growth will be better. Liberal cutting of Parsley improves quality. For winter use move plants to a coldframe or light cellar, or a supply can be potted in 6-inch flower-pots and grown in a kitchen window.

Best Triple Curled. (70 days.) Robust, free-growing plants which are improved by severe cutting. The large, dark green leaves are beautifully curled. Plants stand heat and cold better than most varieties. Pkt. 10c.; oz. 15c.; ¼lb. 50c.; lb. \$1.60.

Plain or Single. (70 days.) The very dark green leaves are flat, deeply cut but not curled and are principally used for flavoring soups and stews, as the flavor is strong. Can be dried and bottled for winter use. Pkt. 10c.; oz. 15c. ¼lb. 50c.; lb. \$1.60.

PRESERVING CITRON

(95 days.) Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 10c.

PARSNIP

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre

CULTURE. Parsnips prefer a rich deep sandy loam. Avoid stony ground and new manure. Sow as early as possible in rows, covering ½ inch deep, and press soil down firmly. Thin to stand 5 inches apart in row. Leaving the roots in the ground over winter improves the flavor.

Hollow-Crowned. (100 days.) The standard Parsnip everywhere. Long smooth roots with hollow-crowned, broad shoulders make it easy to dig. Flesh is tender and of excellent flavor. Pkt. 10c.; oz. 15c.; ¼lb. 45c.

PEPPERS

One ounce will produce about 1200 plants

Peppers furnish both A and C vitamins, being especially high in vitamin C. Pepper types vary, as do their uses. Housewives find all types important in adding variety to the diet.

CULTURE. Sow in hotbeds in March or April or outdoors in a sheltered position in May. Transplant to 18 inches apart in rows in mellow, rich ground.

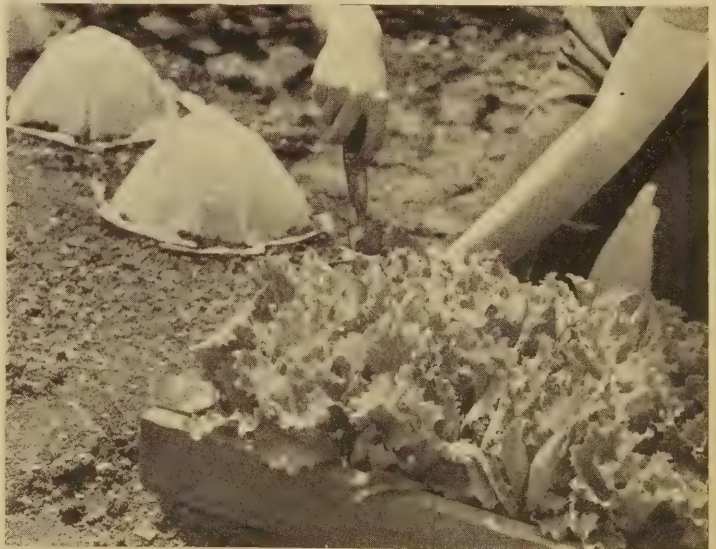
California Wonder. (120 days.) An outstanding sweet Pepper. The vigorous plant produces many blocky fruits with thick, crisp flesh, sweet and spicy but without a bite. Housewives prize this Pepper for stuffing and serving whole; with its four points it will stand upright on a plate and is really handsome. Pkt. 10c.; oz. \$1.00; ¼lb. \$3.00.

Cayenne. (100 days.) A hot red Pepper. Pkt. 10c.; oz. \$1.00; ¼lb. \$3.00.

Golden Dawn. (120 days.) Light green fruits turning to light yellow, and then to orange-yellow. Blunt-lobed; sweet. Good for home and market. Pkt. 10c.; oz. \$1.00; ¼lb. \$3.00.

Harris Early Giant. (110 days.) Large scarlet fruits with irregular blunt points. Mild, sweet flesh. One of the earliest varieties to mature. Pkt. 10c.; oz. \$1.00; ¼lb. \$3.00.

Ruby King. (110 days.) Large, slightly tapered fruits to 5 inches long. Flesh is thick, mild and sweet. Pkt. 10c.; oz. \$1.00; ¼lb. \$3.00.



Planting Great Lakes Lettuce, Using Hotkaps

PEAS

One to two pounds will plant 100 feet of row; 120 pounds, an acre

Peas are not only delicious food but they contain iron and vitamins A, C, and B.

CULTURE. Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or one inclining to clay. When grown in garden, sow in double rows 6 to 8 inches apart and the rows 2 to 4 feet apart. Commence sowing the extra-early varieties as early as the ground can be worked in February or March; plant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra-early and early sorts for fall use. They should be kept clean and earthed up twice during the growing period. The wrinkled varieties are not as hardy as the small, round sort and if planted early should have a dry soil.

Extra-Early Varieties

Alaska. Smooth. (55 days.) The 2½-foot wilt-resistant plants mature a heavy crop of dark green pods all at once, which contain 6 to 8 Peas of good quality. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Early Bird or Laxton's Superb. Semi-wrinkled. (60 days.) This wonderful semi-wrinkled dwarf variety can be planted as soon as the ground can be worked, for the seeds do not rot in the ground like fully wrinkled Peas. The dwarf, vigorous vines measure 18 inches and carry enormous crops of large, beautiful, deep green pods, 4 to 5 inches long, filled with 8 or 9 large Marrow Peas of fine flavor. Early Bird is a profitable variety for the market gardener. For the home gardener it is unsurpassed. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

World's Record. Wrinkled. (56 days.) Pointed, 4-inch pods. An early sort similar to Gradus. Vine 24 to 30 inches tall, light green in color. Pods contain 7 or 8 Peas. An excellent variety. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Early Varieties

Hundredfold. Wrinkled. (65 days.) Vigorous, dark green plants 18 inches high. Pods dark green, 4 inches long, containing 8 large Peas. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Laxtonian. Wrinkled. (62 days.) The 18-inch vines have dark green foliage and bear dark green pods about 4 inches long, containing 7 or 8 succulent Peas. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Laxton's Progress. Wrinkled. (60 days.) The 18-inch vines are very prolific, bearing large pods containing 7 to 9 large Peas of good quality. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Little Marvel. Wrinkled. (62 days.) The stocky, dwarf vines, about 18 inches tall, are generous producers of nearly round, square-end pods holding 7 or 8 large, deep green Peas. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Nott's Excelsior. Wrinkled. (60 days.) Very similar to American Wonder. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Peter Pan. Wrinkled. (65 days.) A large-podded dwarf variety about 16 inches tall. Dark green pods 4 inches long. Vigorous growth. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Freezonian. Wrinkled. (63 days.) Similar to Thomas Laxton but harder, more productive and resistant to wilt. Dark green, blunt, 3½-inch pods. Vines medium heavy, 30 inches tall. For garden and freezing. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Increase Your Yield of Peas and Beans with Legume-Aid

5-lb. size 15c. 60-lb. size 55c.

Late Varieties

Carter's Daisy or Dwarf Telephone. Wrinkled. (75 days.) Light yellowish green vine about 20 inches tall. Very thick, sturdy stems and broad leaves. Pods 4½ inches long, of the Telephone type. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Gradus or Prosperity. Wrinkled. (58 days.) The robust plants grow 3 feet tall. Pods contain 6 to 8 immense Peas which remain sweet and tender a long time after they are ready to pick. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Thomas Laxton. Wrinkled. (57 days.) Vines quickly grow 3½ feet tall and bear 3½ to 4-inch pods shelling large tender Peas of unexcelled flavor. Its extra earliness makes this popular for market and canning, while at home it is a garden necessity. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Edible-Podded or Sugar Peas

Dwarf Gray Sugar. (75 days.) Grows to height of 2½ to 3 feet; bears a profusion of medium broad pods. Should be used in much the same way as Wax beans. Pods, when cooked, are very sweet and tender. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Dwarf White Sugar. (65 days.) Pods straight, light green, filled with smooth, round, small creamy white Peas. Plants medium green. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Mammoth Melting. (80 days.) Large, creamy white seeds in very broad, light green pods 4 to 5 inches long. Plants 5 feet tall. ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

BULK QUOTATIONS

Prices on seed at our Lancaster store not prepaid. Price of bag lots on request.

	10-lb. to 50-lb. lots	Per lb.
Hull Peas		\$0.42
Sugar Peas42

PUMPKIN

Three pounds will plant an acre

CULTURE. Pumpkins should be planted in hills (4 seeds to a hill) 8 to 10 feet each way and varieties should be kept separate. They require about the same conditions as cucumbers and melons except that farmers usually plant Pumpkins in their corn-rows.

Connecticut Field. (115 days.) Large oval fruits, flat on the end. Rich orange-yellow. Used for canning and pies. Very productive. Average weight about 20 pounds. Pkt. 10c.; oz. 20c.; ¼lb. 65c.; lb. \$1.90.

Green Striped Cushaw. (112 days.) A creamy white crookneck Pumpkin striped green, weighing 14 to 16 pounds each. Flesh is light yellow, coarse but sweet. Pkt. 10c.; oz. 20c.; ¼lb. 65c.; lb. \$1.90.

Mammoth. (120 days.) Averaging 60 pounds, specimens often weigh over 100 pounds. Although largely used for stock-feed the quality is good and makes a splendid pie. Pkt. 10c.; oz. 20c.; ¼lb. 65c.; lb. \$1.90.

Sugar or New England Pie. (108 days.) The ideal home Pumpkin weighing 6 to 8 pounds each. The roundish fruits are deep orange in color with bright orange, thick, sweet, dry flesh of high quality. Pkt. 10c.; oz. 20c.; ¼lb. 65c.; lb. \$1.90.

Yellow Cushaw Neck. (115 days.) This is a huge Pumpkin weighing up to 30 pounds. Very large, full, curved neck; makes fine pies. Color is rich cream-yellow both outside and in. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.25.

RADISHES

One ounce will plant 100 feet of row; 8 to 12 pounds, an acre

CULTURE. Radishes require light rich soil and must have plenty of moisture to be crisp and tender. Plant as early as ground is workable, sowing thinly in rows or broadcast in borders; repeat every two weeks for succession. Sow seed for Winter Radishes in late July and August. These should be dug before frost and stored in a cellar.

Early Varieties

Crimson Giant. (28 days.) The large roots are globes to 1½ inches, deep crimson in color, and the firm white flesh is of superior quality. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.20.

Early Scarlet Globe or Saxa. (15 days.) A round scarlet Radish with small tops. Crisp and tender; excellent for forcing. Grows very quickly. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.20.

Early White-tipped. (18 days.) An early variety of fine appearance, with deep scarlet roots tipped white. Crisp white flesh, mild in flavor. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.20.

Iceberg. (35 days.) Long, thin white roots that have a delicious, appetizing taste. Remains in good table condition for a long time. Fine for home or market. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.20.

White-tipped Sparkler. (25 days.) Nearly round carmine-red roots with a small white tip. Flesh white, crisp, and mild. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. \$1.20.

Winter Varieties

Celestial or Chinese. (60 days.) The mildest Winter Radish. White roots can be used when only 3 inches long but are good up to 6 inches, at which size they should be stored. Flesh is white, crisp and quite mild. Pkt. 10c.; oz. 15c.; ¼lb. 40c.

Long Black Spanish. (58 days.) Cylindrical, somewhat roughened, black-skinned roots with solid, white, pungent flesh. A fine keeper. Pkt. 10c.; oz. 15c.; ¼lb. 40c.

Round Black Spanish. (60 days.) A good round black-skinned winter Radish, 2 to 3 inches in diameter. The skin is almost black and the flesh white. Pkt. 10c.; oz. 15c.; ¼lb. 40c.

RHUBARB ROOTS

Plant the roots 3 to 4 feet apart in well-manured ground. A heavy manure mulch around the crowns each winter will furnish extra-quality stalks.

Victoria. Tender, thin-skinned, brilliant red stalks of fine flavor. Low in acidity. Especially good in the North. 25c. per root; \$1.25 for 6.

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of row; 8 to 10 pounds, an acre

Salsify is a delicious vegetable and really has an oyster flavor.

CULTURE. Does best in a light, rich, mellow soil and requires about same treatment as parsnips; can be left in ground all winter. Sow 1 inch deep in rows early in spring. Thin to stand 6 inches apart.

Sandwich Island. (120 days.) Roots 8 to 9 inches long and 1½ to 2 inches in diameter. Flesh is almost white and the oyster flavor is excellent. Pkt. 10c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.50.

SQUASH

One ounce will plant 15 to 25 hills;
3 pounds, an acre

CULTURE. Plant in hills like cucumbers and melons, the bush varieties 3 to 4 feet apart and the winter kinds 6 to 9 feet.

Early White or Patty Pan. (52 days.) This old favorite for home- and market-gardens is shaped somewhat like a pie with scalloped edges. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.10.

Hubbard. (105 days.) The leading Winter Squash for years. It has a green, warted exterior and fine-grained, orange-yellow flesh which is dry, sweet and richly flavored. It bakes very dry. Our stock of Hubbard is the very best. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.50.

SWISS CHARD

Spinach Beet

One ounce will sow 60 feet of row

Chard is high in vitamin A and is a reliable source of iron.

CULTURE. Sow the seeds about an inch apart in the row, covering with an inch of soil. When 3 to 4 inches tall, thin to stand 8 to 10 inches apart in the row. The plants will furnish greens all summer and fall. If protected over winter they will furnish early greens before the new crop is ready.

Lucullus. (60 days.) Plants grow $1\frac{1}{2}$ to 2 feet tall, with many creamy white, curled leaves carried on broad thick stalks. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00.

TOMATO

One ounce will produce 1500 plants;
6 ounces will plant an acre

Tomatoes are reliable providers of vitamins A and C and every garden requires a lot of them to supply the family's needs the year round.

CULTURE. Seed should be started in a hotbed in March, transplanted to a coldframe, and finally to open ground in May. The soil should be rich and in full sun but protected from wind. In the home-garden the plants should be supported on stakes or wires.

Red Varieties

Beefsteak. (115 days.) A large Tomato for home and market use. Plants are heavy and of open habit. The scarlet-red, solid fruits have deep scarlet flesh with a rich subacid flavor. A meaty Tomato growing rapidly in popularity. Pkt. 10c.; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00.

Bonny Best. (100 days.) A standard variety for market gardeners, shippers and canners. Plants of average size produce bright scarlet, smooth fruits of medium size and excellent quality. Pkt. 10c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

Earliana. (90 days.) Fruits are medium size, flattened, firm, bright red. Always reaches market when a crop means real money. Pkt. 10c.; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00.

John Baer. (100 days.) Rich scarlet-red fruits, smooth, firm, and medium large. Nearly round in shape; slightly flattened at the top. Used by many home gardeners for a main crop. Pkt. 10c.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

SPINACH

One ounce will sow 100 feet of row;
15 pounds, an acre

Spinach is an excellent source of supply for iron and vitamins A and C. An important vegetable for everyone's diet.

CULTURE. Use well-manured ground, and sow in rows, covering 1 inch deep, later thinning to 5 inches apart. Sow every two weeks from early spring until hot weather. Sow again in September for a fall crop.

Bloodsdales Long-standing. (45 days.) Remains in cutting condition long after earlier types have gone to seed. The highly crumpled and blistered dark green leaves are unusually attractive. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.; 5 lbs. \$3.50.

Bloodsdales Reselected. (39 days.) A first-early, vigorous variety with fast-growing plants which are hardy and attractive. Leaves are dark glossy green and are heavily savored. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.; 5 lbs. \$3.50.

Virginia Wilt-resisting. (40 days.) Bred at the Virginia Experiment Station for mosaic resistance, this variety is valuable for growing on infected soil. The savored and crumpled leaves are crisp and tender. Growth is upright. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.; 5 lbs. \$3.50.

RUTABAGA

Swede Turnip

Improved Long Island (American Purple top). (90 days.) Grows to a large size but remains solid and fine-grained. Yellow roots, purple at the top; flesh deep yellow, mild and sweet. Keeps well. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 90c.

TURNIPS

One ounce will sow 100 feet of row;
2 pounds, an acre

CULTURE. They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 to 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July; from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

Amber Globe Green Crown. (75 days.) A yellow-fleshed variety; fine-grained, tender and sweet; top bronzy. Roots most desirable for use when 3 to 4 inches in diameter. Oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.

Amber Globe Red Crown. (70 days.) Creamy yellow roots and reddish tops. Oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.

Cow Horn. (80 days.) Pure white except for a bit of green in the crown. Roots up to 15 inches to the point and often slightly crooked. Bears a large crop. Oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.

Purple-Top White Globe. (55 days.) The most popular Turnip for home- and market-gardens. Dark green, erect tops and large smooth globes, purple-red above, white below. The white flesh is sweet, crisp and tender. Oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.

WATERMELON

One ounce will plant 30 hills;
4 pounds, an acre

CULTURE. Same as muskmelon except that they should be planted 8 to 10 feet apart each way.

Dixie Queen. (85 days.) This Southern favorite is a medium-sized, oval-round melon attractively striped dark green on light green with thin but tough rind. The flesh is sparkling red, firm, juicy and sweet. White seeds. Melons average 30 pounds and ship well. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

Halbert Honey. (88 days.) About 20 inches long, with dark green rind. Sweet flavor. An excellent long, cylindrical variety for the home-garden. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Improved Kleckley's Sweet. (85 days.) This improved strain has the same delicious sweet red flesh of the old favorite Kleckley's Sweet. The rind is rather thin but reasonably tough, insuring carrying for short hauls. Large, dark green, oblong fruits averaging 30 to 40 pounds. White seed. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Stone Mountain. (90 days.) A high-quality shipping melon liked by home gardeners. Fruits are oval-round and very large. Thin but tough rind of medium green with indistinct veining. Flesh is rich scarlet, fine-grained and very sweet. Seed white with black edges. On good melon ground they weigh from 30 to 40 pounds each. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Tom Watson. (90 days.) The melon of every market and every man's garden. The attractive fruits are long cylinders of dark green with deep red, firm, crisp flesh of good flavor. Brown seed. A splendid keeper. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

HOTKAPS will enable you to have an earlier crop of melons. Sow the seed in April and cover each hill with a Hotkap. This will keep out frost, insects, and excessive rain and wind until the young plants can take care of themselves.

Pink Varieties

Oxheart. (118 days.) Great rosy pink, heart-shaped fruits up to 2 pounds each. They are mildly acid and very solid, with few seeds. Pkt. 10c.; oz. \$2.00.

Ponderosa. (115 days.) The largest of all Tomatoes. Has few seeds and its flesh is sweet and mild. Quite often called the "Beefsteak" Tomato. Pkt. 10c.; oz. \$1.25.

Yellow Variety

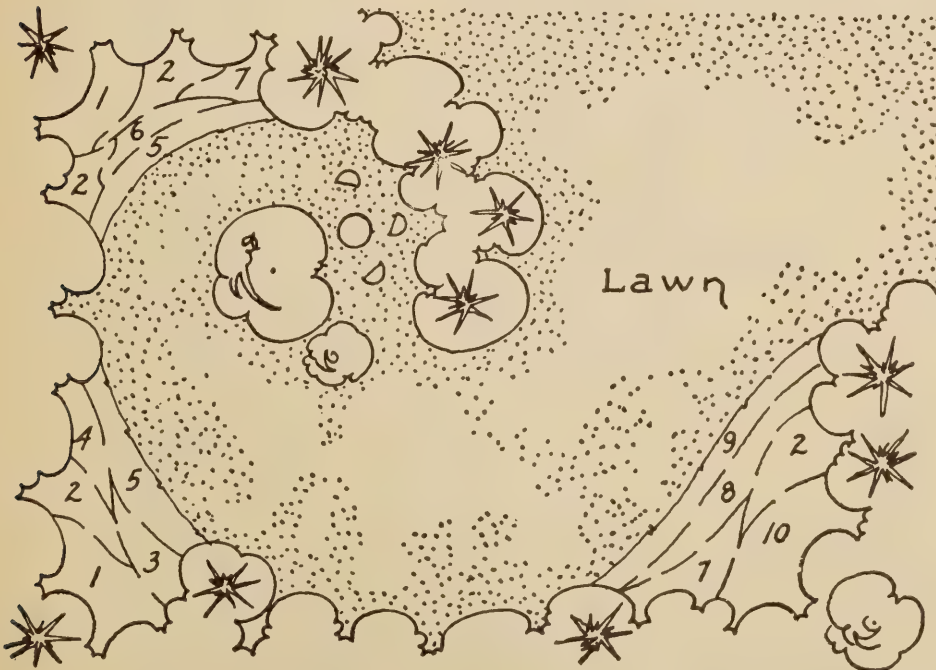
Golden Queen. (110 days.) Large golden yellow fruits of mild flavor; smooth and solid. Pkt. 10c.; oz. \$1.25.

ANNUAL FLOWER CHART

Common Name	Pkt.	Height	Time to Plant	Space	Remarks
Ageratum	10c	4-6 in.	March	6-9 in.	Feathery blue flowers for edging.
Alyssum, Sweet	10	6-9 in.	April	4-6 in.	Fragrant white border plant.
Asters	15	1-2 ft.	Mar.-May	12 in.	Long-stemmed cut flowers.
Baby's Breath	10	18 in.	April	6-9 in.	Misty white flowers for bouquets.
Balsam	15	18-24 in.	April	8-12 in.	Showy double blooms.
Calendula	10	2 ft.	Mar.-Apr.	12 in.	Orange and yellow daisies for cutting.
Calliopsis	10	18 in.	Apr.-May	8-12 in.	Very free blooming; yellow.
Candytuft	10	12 in.	April	9 in.	Fragrant; pink, lavender, white.
Canterbury Bells	15	2 ft.	March	9 in.	Tall plants for the border.
Carnations	15	12 in.	February	6 in.	Double, fragrant.
Celosia	15	2 ft.	Mar.-Apr.	12 in.	May be dried for winter bouquets.
Centaurea		3 ft.	April	8 in.	Free blooming all summer.
Cosmos	10	3-4 ft.	May	18 in.	Blooms in late summer.
Dahlias	15	18-30 in.	Feb.-Mar.	24 in.	Semi-double annual type.
Delphinium	20	4-5 ft.	February	18-24 in.	For the rear of the border.
Everlasting	15	2½ ft.	Apr.-May	18 in.	For winter bouquets.
Four O'Clock	15	2 ft.	May	18 in.	Flowers open in late afternoon.
Foxglove	15	3-4 ft.	June; blooms next year	18 in.	Long spikes of thimble-shaped bloom.
Gourds	15	20-ft. vine	May	12 in.	Interesting fruits of many shapes.
Helianthus		5-6 ft.	May	18 in.	Needs full sun.
Hollyhock	15	4-5 ft.	March	18-24 in.	Flowers in August.
Kochia	15	2 ft.	Mar.-Apr.	12 in.	Foliage turns crimson in fall.
Larkspur	10	3-4 ft.	Oct. or Apr.	9 in.	Do not transplant.
Lobelia	20	6 in.	Apr.-May	6 in.	For edging and rock gardens.
Lupins	10	2-3 ft.	Mar.-May	12 in.	Striking spikes of bloom.
Marigold	10	1-3 ft.	May	9-24 in.	Grows easily and blooms freely.
Mignonette	10	6-12 in.	April	6-9 in.	Grown for fragrance.
Moonflower	15	15-ft. vine	May	18 in.	Fragrant; night blooming.
Morning-Glory	10	20-ft. vine	May	18 in.	Does best in poor soil.
Nasturtium	10	12 in.	May	6-12 in.	Likes poor soil and full sun.
Nicotiana	15	2-3 ft.	May	15 in.	Fragrant white flowers.
Nigella	10	2 ft.	May	10 in.	Cupped blue flowers.
Petunia	10	6-12 in.	Apr.-May	9 in.	Cut back to maintain bloom.
Phlox	15	12-18 in.	May	8 in.	Heads of bloom till frost.
Poppy, Shirley	10	12 in.	Apr. or Nov.	6 in.	Do not transplant.
Portulaca	20	2-3 in.	May		Scatter seed in dry, sunny place.
Ricinus	10	6 ft.	May	18 in.	For the back of the border.
Scabiosa	10	2-3 ft.	May	12 in.	Good for cutting.
Snapdragon	15	18 in.	May	8 in.	Attractive indoors and out.
Stocks	15	18-24 in.	May	9-12 in.	Likes cool weather.
Sweet Peas	10	3-5 ft.	April	6 in.	Must start before hot weather.
Sweet William	10	12-18 in.	May; blooms next year	8 in.	For borders and rock gardens.
Verbena	15	6-8 in.	Apr.-May	9 in.	Spreading plant; fragrant.
Zinnia	10	6-36 in.	May	10-15 in.	Blooms profusely all summer.

Minimum Order \$1.00, postpaid. Please add 1% Penna. Sales Tax. Complete selection of varieties shown in our Seed Dept., 1st Floor.

ANNUALS



Annuals are practically indispensable because of their adaptability to most soils, their freedom of bloom, their rapid growth and their inexpensiveness. At the left is a suggestion for planting annuals. Keep height and color in mind when combining different kinds. They will repay you many times over for their very slight cost.

PLANTING LIST

1. COSMOS
2. ZINNIA
3. SCABIOSA
4. STOCK
5. AGERATUM
6. BACHELOR BUTTON
7. MARIGOLD
8. ASTER
9. PHLOX
10. DAHLIA

GIANT 10-PLAY GYM with SLIDE

New Deluxe Style, Value \$49.95

for \$29.95

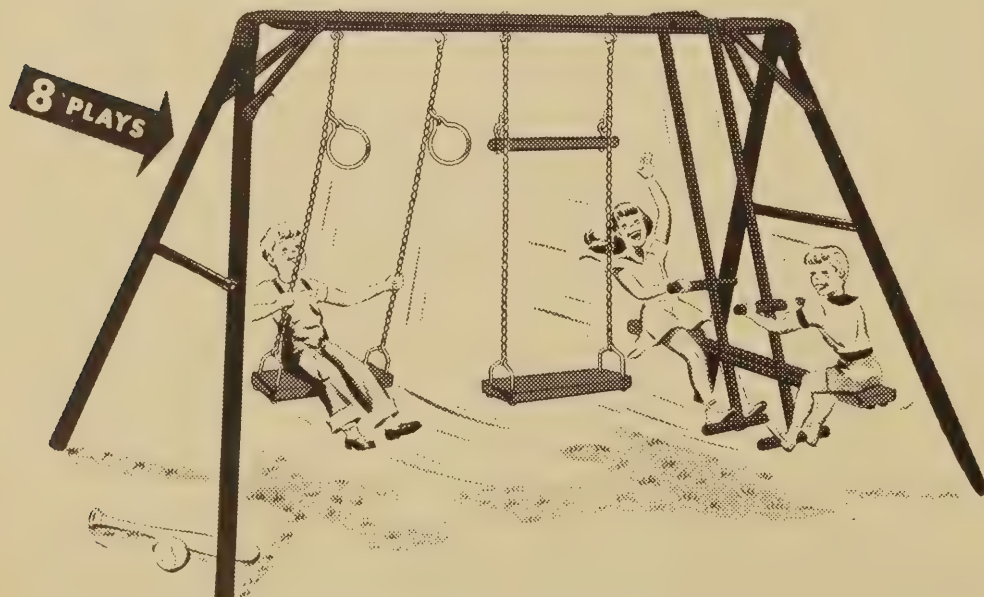
Bolted construction for extra safety. Strong 2" steel top bar, 7' long; ball-bearing hangers; stands 7' 3" high! Rust-resistant hardware, enamel finish in red and green.

**USE OUR
LAY-AWAY
PLAN**

LOOK WHAT YOU GET! LADDER and 4-Ft. SLIDE!

1 "Sky-Glide" with Handles and Foot Rest!
1 Non-Tilt Swing with Steel Seat! 1 Trapeze!
1 Set of Rings! Basketball Set, with Backboard, Hoop, Net! Adjustable Shower (attaches to garden hose)!

Outdoor Equipment Displayed 2nd Floor



**8
PLAY
GYM
\$19.95
VALUE
\$29.95**

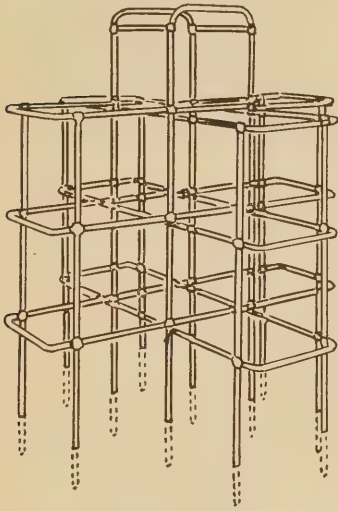
**WRITE
or
PHONE
7127**

- Get every body-building feature for safe, sturdy play in the sun!
- Sky-glide with handles and footrest for 2; 2 non-tilt swings, trapeze!
- Set of rings, 2 chin bars, bolted top joints, 2" steel top bar, 7' long!
- Rust-resistant hardware, ball-bearing hangers, weatherwise enamel!
- 1 1/2" steel legs! Stands 7' 3" high, packed in carton for easy storing!

FREE DELIVERY within our regular routes, items beyond parcel post limitations, shipped express collect.

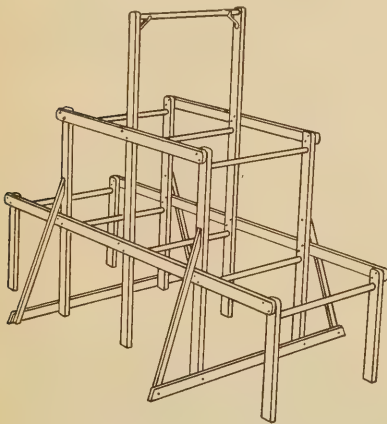
Perfect Summer Fun

Delighting youngsters during summer months, outdoor equipment promises rollicking fun for the junior set. Mothers will appreciate its safety and durability. Come see our Summer Toy-land, 2nd Floor.



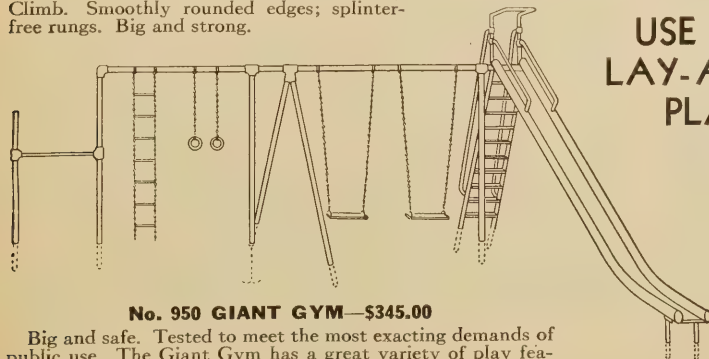
NO. 935 MONKEY CLIMB—\$139.95

The new Maze of Climbs—a real muscle builder. Satisfies the natural urge of all youngsters to climb and play acrobat. Made of galvanized pipe; sturdy and safe.



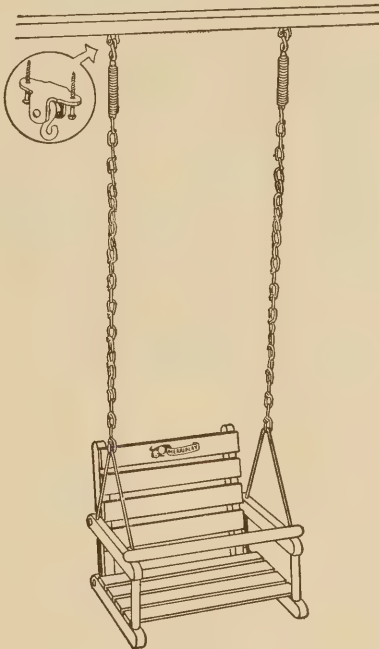
NO. 225 MONKEY CLIMB—\$24.95

A whole raft of fun for climbers and crawlers with the sensational new Monkey Climb. Smoothly rounded edges; splinter-free rungs. Big and strong.



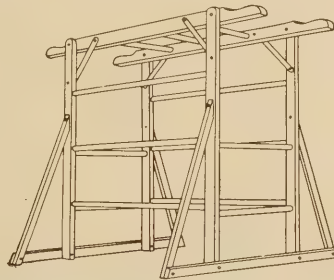
No. 950 GIANT GYM—\$345.00

Big and safe. Tested to meet the most exacting demands of public use. The Giant Gym has a great variety of play features—chain ladder rings, trapeze bar, climbing pole, galvanized steel bedway slide.



NO. 321 STARTER SET—\$4.75

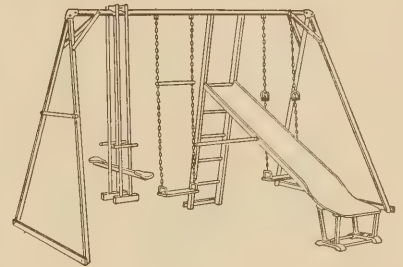
Designed for tiny tots. Offers maximum high-chair safety. Easily adaptable, indoors or out. Operates noiselessly on bouncy springs. Attractive color combinations.



NO. 125 EXERCISER—\$19.95

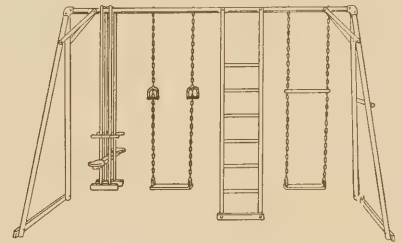
The Exerciser provides a safe means for small fry to test their strength, improvise their own stunts. Use indoors or outdoors. Ideal for kindergarten.

**USE OUR
LAY-AWAY
PLAN**



GOSHEN GYM NO. 600—\$84.95

Super gym made of all 2-inch steel tubing with Jet Ride, double swings and maple slide. Big and tough, this gym is built to "take it."

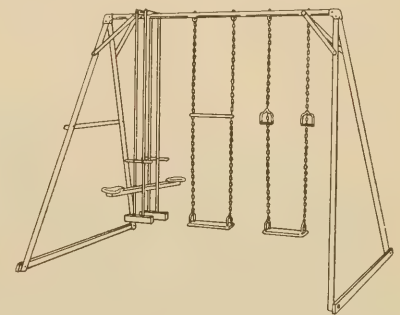


GOSHEN GYM NO. 601—\$54.95

Like all Goshen 2-inchers, this gym features the new Jet Ride and has the same super-safe features; heavier chains; stouter ladder.

GOSHEN

All Goshen 2-inchers Gyms have big-size, super-safe features. Chains are heavier and stronger; the ladder is stouter and longer; flying rings are bigger and heftier; and the bracing is more rigid and solid. Big and tough; gleaming and colorful; these gyms are built to "take it."



GOSHEN GYM NO. 603—\$42.95

This popular gym, ride and two swings embodies all the big gym (2-inch tubing) safety features, yet is moderately priced. Jet Ride; non-tilt swing.

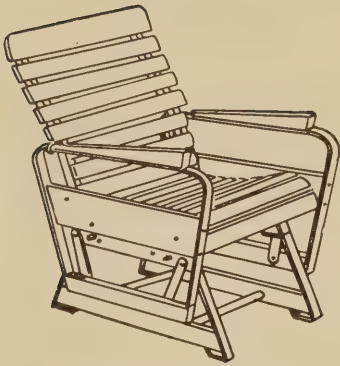


NO. 375 TEETER TOTTER—\$7.95

Teeter is solidly safe, smooth in movement and controlled for balance. Base is solid. Beam is adjustable to three positions for perfect balance.

GOSHEN SUMMER FURNITURE

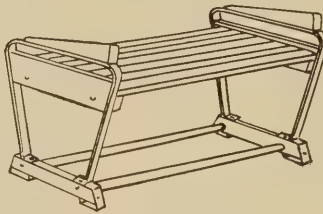
FOR YOUNG AND OLD



Rok-O-Glider—Solo

Ideal for porch or lawn. Painted in attractive white and green colors. Has a smooth rocking-gliding action.

Adult—Model No. 1. (1 adult).....\$18.95
Junior—Model No. 131. (1 child)..... 9.95



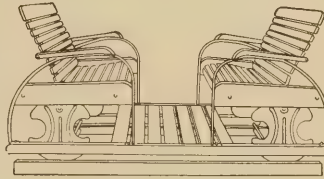
Rok-O-Table

Perfect, handy harmonizing for your Rok-O-Grouping.

Adult—Table Model No. 6......\$8.95
Junior—Table Model No. 136...... 4.45

Juvenile Rok-O-Glider

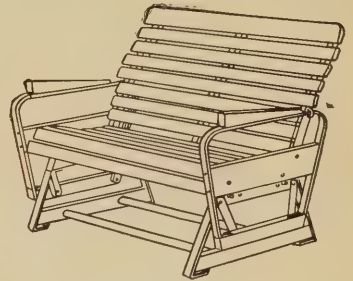
An exact reproduction of the popular senior models . . . sturdy, beautiful, solidly constructed. Its form-fitting seats are very comfortable.



Glide-settee

For your lawn, this outdoor show-piece has roomy contour back and seat. Available with canopy at slight increase in cost.

Adult—Model No. 10......\$72.95
Junior—Model No. 110...... 29.95



Rok-O-Glider—Duo

Double your outdoor hospitality with a two or three-passenger glider. . . Sturdy. . . Long life.

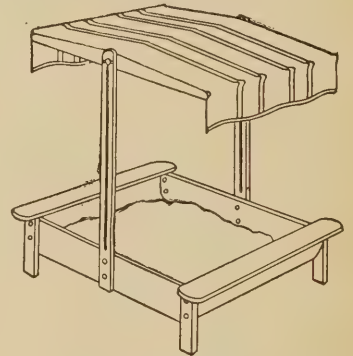
Adult—Model No. 2. (2 adults)....\$23.95
Adult—Model No. 3. (3 adults).... 29.95
Junior—Model No. 132. (2 children) 11.45



Lawn Swing

Old-fashioned comfort . . . styled in the modern mode . . . with form-fitting seats and backs. Its gentle, quiet swing action provides real comfort. Complete with canopy.

Adult—Model No. 60-68......\$59.95
Junior—Model No. 140-148...... 26.45
Junior—Model 251-258...... 22.95



Sand Box

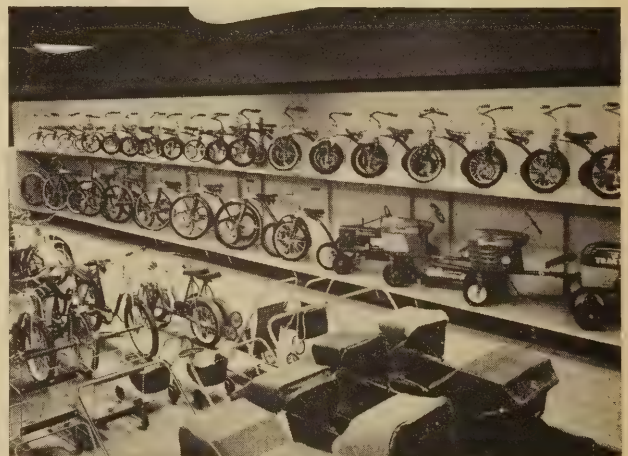
Quality-minded customers know the Goshen Sand Box for its fine construction and selected materials. Heavy galvanized bottom is fitted into mortised side panels for strong, leak-proof service. Finished in weather-resisting enamel. Gay striped canopy is adjustable.

Model No. 342......\$13.45
Other Sand Boxes......\$8.95 to \$18.95

USE OUR
LAY-AWAY
PLAN



Bicycles Display before Christmas

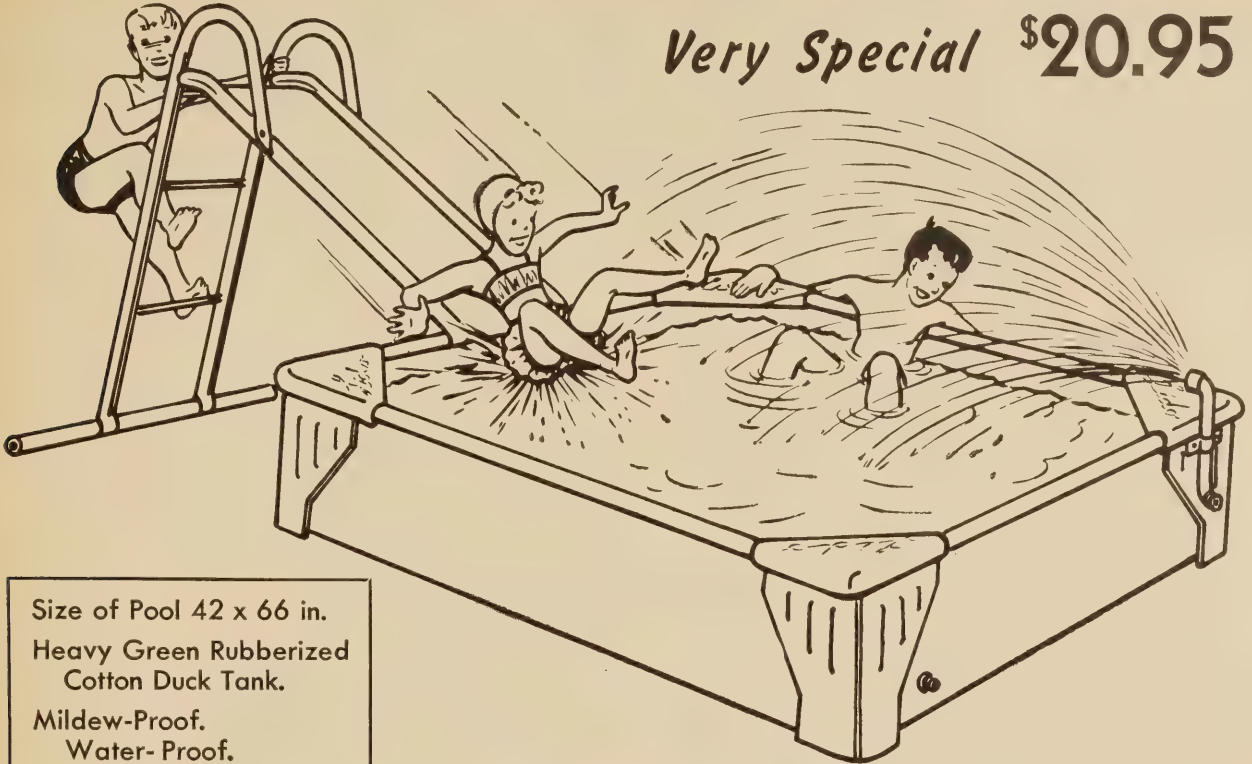


Velocipedes, etc., Various Sizes

VISIT NEW WHEEL GOODS DEPARTMENT DOWNSTAIRS

PLAY POOL with SHOWER and SLIDE with LADDER

Very Special **\$20.95**



Size of Pool 42 x 66 in.
Heavy Green Rubberized
Cotton Duck Tank.
Mildew-Proof.
Water-Proof.
Color-Fast.
Draining Device.

A Lido DeLuxe Pool with heavy steel tubular frame painted green. Four heavy stamped steel legs with bottom support. A sturdy pool for healthy youngsters.

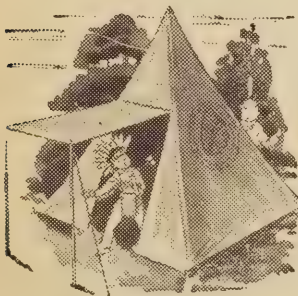
LIDO POOLS

42 x 42 in. Plastic.....	\$8 95
42 x 48 in. Rubberized Duck.....	14 95
42 x 66 in. Rubberized Duck.....	16 95
66 x 66 in. Rubberized Duck.....	29 95

Swim Mask.....	\$1 25
Swim Rings.....	98
Swim Goggles.....	79
Swim Fins.....	2 98

PLASTIC POOLS

Koroseal. Diam. 55 in.....	\$9 95
Koroseal. Diam. 70 in.....	14 95
Koroseal. Diam. 84 in.....	19 95
Vanguard. 50 in.....	6 49



Indian Tepee Tent

Indian Tepee Tent

Size 4½ ft. x 4½ ft.
Complete with poles,
ropes and stakes. \$7.45.

Boys' Tent

Made of khaki-colored
tent material. Extra shower
proof. Size 7 ft. x 7 ft.
\$19.65.



Boys' Tent

Cactus Pete Tent

A camp and play
tent. Made of light-
weight tent material.
Size 6 ft. 9 in. x 6 ft.
9 in. \$12.95.

Junior Umbrella Tent

Treated fabric.
Sturdy center pole.
Complete with pegs.
\$13.95.



Junior Umbrella Tent



Vacation Playtime Pals . .

Boys and Girls and HUFFY BICYCLES

When school bells ring for the last time this summer, lucky will be the boys and girls who can put new "zing" in their vacation freedom, new "ping" in every outing plan with a sparkling, easy-rolling, smooth-riding Huffy.

Make your pre-school youngster happy with a Huffy. It grows with the child. Has the exclusive "Fits-Sooner Frame" that adds years of enjoyment. Adjustable seat and handle bars. A size for every boy and girl; a price that suits your budget.



Cactus Pete Tent

ALFALFA

PRICES ON REQUEST

New Varieties of Alfalfa

Atlantic Alfalfa

Developed by the New Jersey Agricultural Experiment Station and is particularly adapted to New Jersey conditions, although it is recommended for the whole area from the New England States south to North Carolina and west to the Mississippi River. It has been among the higher yielding varieties in a number of states. Highly resistant to leaf spot and other foliage diseases; more tolerant to bacterial wilt than common Alfalfa varieties. Sow 15 to 20 lbs. per acre.

Buffalo Alfalfa

Developed in Kansas for its wilt resistance. Somewhat more winter hardy than Kansas Common and is expected to replace that variety. Recommended for areas in the same latitude as Kansas, especially southeastern Pennsylvania and New Jersey. Upright growth, medium to leafy quality of hay. Shows rapid recovery after being cut. Sow 15 to 20 lbs. per acre.

Ranger Alfalfa

Developed in Nebraska, with the aim of producing a variety resistant to bacterial wilt disease and having winter hardiness. Suited to the northern half of the United States where maximum winter hardiness is necessary and where wilt is a problem. Not recommended for New Jersey but good in Pennsylvania where winter killing has to be overcome. Sow 15 to 20 lbs. per acre.

Northwestern-Grown Alfalfa

One of the most important crops grown on a farm. Once established, it lasts several years and yields three or four crops of nutritious hay every season. In feeding value, as a drought resister and soil builder, nothing is better than Alfalfa. Northern-grown seed will stand winter weather well. Sow 15 to 20 lbs. per acre.

Grimm Alfalfa

Productiveness and extreme hardiness have built a splendid reputation for this variety. The roots are more spreading than ordinary Alfalfa, without a long tap-root, and it is therefore good for shallow soils. Stems and leaves somewhat finer and leafier. Sow 15 to 20 lbs. per acre.

Alfalfa-Brome Grass Mixture

This combination has been found to be palatable to dairy cows. For several reasons it produces more forage and a greater gain in liveweight of the stock than either alfalfa or brome grass sown alone. The two kinds of seedlings protect each other against soil and weather hazards, are more effective in reducing erosion and resisting weeds, and give a better yield. Sow separately and do not allow the brome grass to be planted too deep. Sow at the rate of 8 lbs. of brome grass and 12 lbs. of Northwestern-grown alfalfa per acre.

CLOVERS

PRICES ON REQUEST

GENUINE PENNSYLVANIA RED CLOVER (MEDIUM). Our Pennsylvania Red Clover is grown mostly in Mifflin and Lebanon counties. Supply is ample but it will be to your advantage to place order early. This strain is important because of its vigorous growth and its resistance to severe winter conditions. Pennsylvania Red Clover has been recommended by the Department of Agriculture as being superior to Clover from other sections. Sow in early spring at the rate of 8 to 10 lbs. per acre.

ALSIKE CLOVER. Does well where other Clovers fail, such as in acid, low, or wet soils. An excellent crop for hay or pasture, or as a soil improver. Bees like it, too. Sow with mixture of red clover and alfalfa at the rate of 1 to 2 lbs. per acre. Sow alone, 10 lbs. per acre.

WHITE SWEET CLOVER. Widely favored as a forage and soiling crop. Nothing is better to rebuild exhausted land. Grows well in almost any soil except acid. One of the first forage crops to provide green feed in the spring. Sow 10 to 15 lbs. per acre.

LADINO CLOVER. A giant white Clover that lasts four to eight years. Does best where there is a constant but not heavy moisture supply in the soil surface. Used for both pasture and hay and is relished by all kinds of livestock. Produces a heavy tonnage of feed rich in protein. Spring growth is generally used for pasture, early summer growth for hay, and later growth for either. Combines well with other pasture plants. Sow 5 to 7 lbs. per acre alone, or 1 to 2 lbs. per acre when sown with hay mixtures.

NORTHWESTERN-GROWN RED CLOVER (MEDIUM) is grown in Michigan, Idaho, northern part of Illinois, and Iowa. This type seed is adapted to Pennsylvania and will withstand severe winter conditions. We highly recommend this type, which has proved successful in the past years when Pennsylvania Red Clover could not be had due to short crop or crop failures. Sown in mixtures of alsike and alfalfa, or as a straight seed. Sown in early spring at the rate of 8 to 10 lbs. per acre. In mixture, sow 3 lbs. Red Clover, 2 lbs. Alfalfa, and 1 lb. Alsike per acre.

KENLAND RED CLOVER. Developed by the Kentucky Agricultural Experiment Station and the United States Department of Agriculture to resist southern anthracnose. It is longer lived than common red clover and gives higher yields of forage, averaging about 40 percent more hay in some tests. An exceptionally good soil builder, putting 35 to 45 pounds more nitrogen in an acre than ordinary red clover, thus giving more benefit to corn and other crops grown in the rotation. Especially recommended for Kentucky, Virginia, Maryland, Ohio, Indiana and southern Illinois. Sow in early spring at the rate of 8 to 10 lbs. per acre.

PENNSCOTT CLOVER. Produced in Pennsylvania from a local strain on the Scott farm here in Lancaster County; tested at The Pennsylvania State University for the past fifteen years. This new red clover shows great promise for Pennsylvania and the whole northeastern section of the United States on account of its exceptional disease resistance, extreme winter hardiness and ability to provide a second-year hay-crop. Very little of this seed is available for this spring (1954) but we hope to have sufficient quantity for our customers in spring of 1955. Sow in early spring at the rate of 8 to 10 lbs. per acre.



Angus cattle feeding on our Permanent Pasture Mixture with Ladino Clover



Hampshire hogs feeding on Alfalfa-Red Clover and Ladino mixture

FIELD SEEDS

CERTIFIED CLINTON SEED OATS. Outstanding for yield, test weight and strength of straw. A medium tall, yellow, early Oat with plump kernels and thin hulls. Provides valuable Oats for feeding. Resistant to halo blight and helminthosporium leaf blotch. Of marked advantage in wet years when diseases are prevalent. Sow 2 bus. per acre.

PERMANENT PASTURE MIXTURE. A mixture of high-germinating seed that will give you a satisfactory pasture. Contains nurse-crop seeds as well as more lasting grasses. Use at the rate of 25 lbs. per acre. Ideal for orchards, vacant lots, pastures, grazing lands, etc.

BLACK WILSON SOY BEANS. A very popular variety used primarily as a hay crop. Similar to alfalfa in feed value. Also makes excellent green manure. A small-seeded kind, bearing pods well above the ground. Plant in late May and June. Matures in about 120 days. Sow 2 bus. per acre.

SWEET SUDAN GRASS. Resists foliage disease and drought; stays green and continues to grow several weeks in the fall after Common Sudan has turned; produces a better quality of foliage and more seed. And to this production economy of Sweet Sudan, add the still greater economy of its inherent ability to promote faster development of livestock. Hog raisers and beef cattlemen, as well as dairy farmers, find juicy Sweet Sudan Grass a sure way to decrease feeding costs through increasing the value of livestock, and thus add to their profit.

TIMOTHY. The leading hay grass, thriving on clay or heavy loams, wet or boggy soils, but not on light, sandy ground. Perfectly hardy. Does well when grown with other grasses and legumes. Unequaled as feed for horses and other livestock.

KENTUCKY BLUE GRASS. For permanent pasture mixtures. Starts to grow early in spring and lasts until late fall. Uninjured by cold winters or grazing and trampling of livestock. Needs a rich limestone soil. Forms the basis of all good lawn grass mixtures.

CANADIAN BLUE GRASS. A hardy perennial grass producing fine pasturage for cattle. The creeping rootstalks make a sturdy turf. Stems are flattened and wiry but rich in food value. Grows well on poor, dry soil and stands the extremes of wet and drought.

ORCHARD GRASS. An excellent summer pasture grass, for it stands dry weather well. Starts growth early in spring. Grows well in the shade and in practically all kinds of soil except marshlands. Should be cut for hay just before maturity.

RED-TOP. Especially good on low, wet bottom land. Makes pasture and hay of splendid quality. Can be sown in spring or fall and should be included in all mixtures intended for permanent pasture. Hardy, and makes a heavy sod.

DWARF ESSEX RAPE. An annual plant that produces large leaves; used as pasture for sheep, hogs, poultry, and cattle. Quick and inexpensive. Can be sown any time from early spring until September. Ready for pasture in six to eight weeks.

PERENNIAL RYE GRASS. A rapid-growing grass most desirable for pastures. It is best seeded in mixtures. Stands close grazing; makes a close, heavy sod. Especially valuable on alkali soils. Cut the hay when the plant is in bloom.

DOMESTIC RYE GRASS. This is one of the very best grasses for use as a cover-crop. It has a deep root system which is a source of organic matter for the soil when plowed under. The seed may be sown about the time of the last cultivation. Domestic Rye also is a valuable addition to pasture mixtures because it is such a rapid grower. It provides food for livestock in a very short time and is greatly relished by cattle, hogs, poultry, sheep and horses. The sturdy plants stand close cropping and make a quick comeback afterward. Deep preparation of the soil prior to planting is not necessary. Sow 20 lbs. per acre when used as cover-crop.

PRICES ON REQUEST

All Field Seeds delivered in Lancaster County; to all other points we pay freight on 200 pounds or more

LANCASTER, PENNA.

More POTATOES Through Use of Good Seed

One of the easiest and best ways to obtain more Potatoes per acre is through the use of sound, healthy Certified Seed Potatoes.

Good Certified Seed Potatoes are those grown especially for seed purposes. They are free, or practically free, from serious seed-borne diseases, true to name, and selected for high yields. Further, they are harvested at the right time, handled carefully, stored properly and shipped under the best conditions.

A blue tag marked Certified Seed Potatoes is attached to each bag, which must pass rigid tests and inspections by the State of Maine. Certified Seed Potatoes in the long run can be counted on to give nearly twice the yield of ordinary Potatoes.

Prices on request, bag or carload lots



Digging Cobblers, Lancaster Junction

COBBLER. An extra-early white Potato of fine quality. Smooth, round, creamy white. A very productive sort.

KATAHDIN. Uniform in size and shape; does well on light soil. Shallow-eyed, glossy, white skinned. Medium early.

GREEN MOUNTAIN. Oblong, slightly flattened in shape. Creamy white skin and pure white flesh of excellent quality. Late.

KENNEBEC. Rapid growth, blight resistance, heavy yields and good eating qualities combine to make this outstanding. Tubers have shallow eyes and white skin; shape is halfway between Green Mountain and Katahdin.

RUSSET. Good-sized, round to oblong tubers with pure white flesh and russet-colored skin. Fine baked or boiled. A good shipper. Very late; heavy yielder.



Potato, Irish Cobbler

Thrifty Chicks from Farmers Supply

'54 Looks Good for Poultrymen

Our own Pennsylvania State University has released a forecast for poultrymen for '54 which is most encouraging. Based on statistics, feed prices will continue on about the same level as '53 with a tendency to soften. Eggs will continue to yield the same profit as they have for the past several years. Broiler prices will be slightly stronger. Turkeys, unless an unexpected oversupply is produced in the season, will hold as they did in '53. On the whole, '54 looks pretty good.

Lay your plans accordingly and consider which of the following breeds fit your plans best.



Indian River Specials



Red Rock Crosses



White Leghorns

Super NEW HAMPSHIRE

Year after year this old reliable breed is always in demand. Quick feathering, rapid growth, good average production of large brown eggs, makes them most desirable in any poultry program.

\$17.00 per 100; Pullets \$28.00 per 100

ARBOR ACRE WHITE ROCKS

Parent stock one year removed from this famous line egg layers and meat makers. Top quality dressed birds at all ages; no dark pin feathers. Plump, meaty breasts are especially attractive to retail buyers. Pullets mature early and make excellent year-round layers.

\$16.00 per 100; Pullets \$28.00 per 100

MT. HOPE LEGHORNS

Fine winter and year-round layers. These Mt. Hope Leghorns are from first generation stock. Mighty excellent layers of large, chalk-white eggs. Try a pen of this famous breed for your own satisfaction and profit.

\$18.00 per 100; Pullets \$38.00 per 100

WHITE AMERICAN GUINEAS

Yes, we can supply you with this new and very popular breed of Guinea. Why not try a pen of these birds for something new and appealing to offer on market? Because of limited quantities, it would be well to place your order well in advance of your needs.

45c each; 50 or more, 40c each

WHITE MUSCOVY DUCKLINGS

This is the dual-purpose duck. Muscovies are content to stay around home and will rarely stray. The hens are good layers and their large eggs are rich in flavor for table use. At market age the hens will weigh 6 lbs. and the drakes 9 to 12 lbs. Here again it is necessary to place orders early.

50c each; 50 or more, 45c each

BROILER CHICKS

Information regarding broiler chicks should be requested at store.

TURKEY POULTS

Broad-Breasted Bronze, White Holland, Beltsville White Turkey poults are available. Please ask at store.



MAMMOTH WHITE PEKIN DUCKLINGS

Our giants grow with a speed that will amaze you! Not subject to common poultry disease, they are easy to raise. While they like water, a pan with a few inches of water is sufficient. Start them the same as chicks, feeding them pellets, which is the least wasteful method. After 5 to 6 weeks they no longer need shelter. In 9 to 10 weeks they are ready for market. **35c each; 50 or more 30c each.**



Flock of Embden Geese. More popular each year. Excellent in the berry patch and pasture. Economical to raise.

GOSLINGS

Again we offer the best in the Gosling breed.

White Embden

White China

Grey Toulouse

\$1.95 each

★ ★ ★ ★

PLEASE! Place orders as early as possible so that you are assured of Goslings the date you want them!



Full Grown
White Embden Goose

**A Specialized
Beacon
Feed**

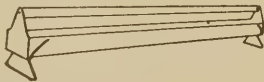
Each Beacon Feed performs a specific job within the formula and is tested and retested to make sure that it does. Latest developments in feed and management problems are passed on to poultrymen, turkey growers and dairymen.

INCREASE YOUR INCOME—FEED BEACON

POULTRY SUPPLIES

We have a large selection of Poultry Supplies displayed on the first floor and in the basement, for every poultryman's needs. Broiler contract information sent on request. We will service your flocks.

Chick Feeder



4 ft. \$1 75
Use two Feeders per 100 chicks.

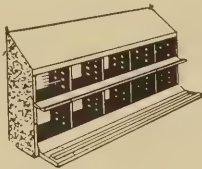


Range Feeders

5 ft. \$10 19 | 8 ft. \$13 98
Use three 5-ft. Feeders per shelter.

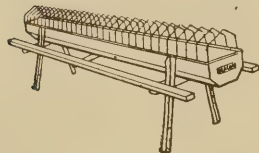
Nests

10-hole \$13 35
15-hole 18 40
Use one 10-hole Nest per 50 hens.



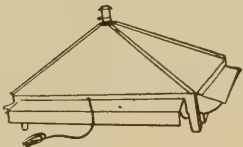
Hen Feeders

5 ft. \$7 06
8 ft. 10 48
Use three 5-ft. Feeders per 100 hens.



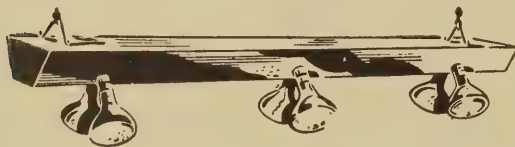
Electric Brooder

60 x 60 in.
Capacity,
500, \$44.65.



Fountains

2 gals. \$2 29
5 gals. 4 65
7 gals. 5 75
Use 2-gal. size for 200 chicks; two 5-gal. size for 100 hens; one 7-gal. size for 100 hens.

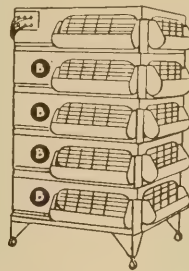


Infra-Red Brooder

Three and six lights. Fully automatic. \$11.50 to \$23.60.

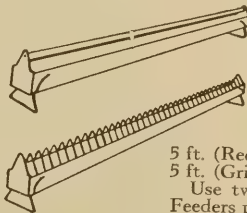
5-Deck Battery Brooder for 500 Chicks

Electric units
\$169.75



Quart Jar Fountains \$0.17

Use 8 Founts to a brooder.

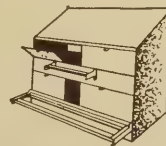


5 ft. (Reel) \$3 45
5 ft. (Grille) 3 65
Use two 5-ft. Broiler Feeders per 100 birds.

Broiler Feeders

Community Nest

\$23.98
Use one Nest for 80 birds, or one Nest for two shelters.



Grit Hopper

\$2.39

Use one Hopper per 100 hens.



Water or Feed Pans

9 qts. \$1 85
17 qts. 2 45
Use two 9-qt. Pans to 8 weeks of age.



14-Tooth Rake

Garden Rakes

One of the Best Level Head Garden Rakes. 14-tooth. \$2 59
14-tooth Rake 1 98
15-tooth bowed Rake 2 89

Floral Rake

Eight curved teeth, 2½ in. long. 4-ft. handle.
T R 8. \$1 79



Garden Hoes

6½-in. blade. \$1 65
Tobacco Hoe. 8¾ in. 2 75
Tobacco Hoe. Narrow blade. 2 59

Spading Forks



Strapped shanks; short or D wood handle. Made of best-quality steel.
4-time; heavy. \$3 69
4-time; light. 2 98



Manure Forks

4-time; long handle. \$2 98
4-time; long handle, Tru-Temper. 3 49
5-time; long handle, Tru-Temper. 3 79
6-time; long handle, Tru-Temper. 3 98



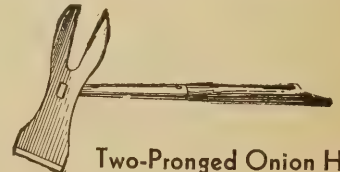
Shovels, Long Handle

No. 2 Socket-type Handle. \$2 75
No. 2 Strap-type Handle 3 10
Ladies' Flower Shovel. 2 65



Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering. \$2.69.



Two-Pronged Onion Hoe

Will be found very valuable in weeding narrow rows. \$2.49.



Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. \$2.75.

Automatic Float Valve	\$1 25
Automatic Flock Fountain	7 95
Automatic Time Switch	13 25
Egg Basket, Rubber Coated	2 65
Roof Saddle. 5 in.	2 59
Oyster Shell. 100 lbs.	1 50
Granite Grit. 80 lbs.	1 15



Watering Cans

Made of galvanized iron.
6-qt. \$2 49
8-qt. 2 69
10-qt. 2 98
12-qt. 3 19
16-qt. 3 98

Stazdry Poultry Litter

Bale \$2 35
Dixie Litter, Bag. 2 05



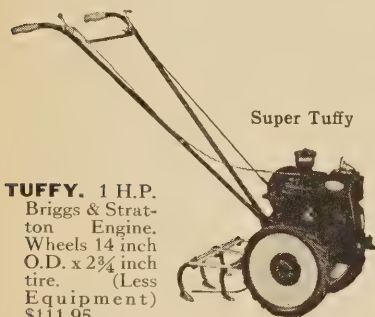
	D-Con. Ready to Use.	Postpaid
16 Oz.	\$1 69	\$1 90
D-Con. Concentrate.	2 98	3 20
(Makes 6 Lbs. of Bait)		
D-Con. Mouse-Prufe.	89	1 10
(Sure Death to Mice)		

Tomatoes are your most important crop

The Planet Jr. Tractors

For low-cost all-round gardening Planet Jr. Tractors can and will save you untold hours of time and work and will pay for themselves many times over. They are light in weight, and exceedingly simple to operate.

An efficient motor furnishes an astonishing amount of power for cultivating, plowing, harrowing, lawn-mowing and field-mowing.



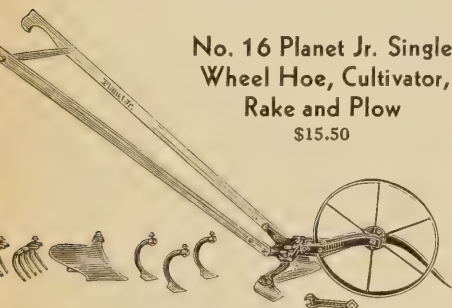
Super Tuffy

TUFFY. 1 H.P.
Briggs & Stratton Engine.
Wheels 14 inch O.D. x 2 1/4 inch tire. (Less Equipment) \$111.95.

SUPER TUFFY. 1 1/2 H.P. Briggs & Stratton Engine. Special features: Wheel differential for easy turning, control shut-off on handle, built in self winding starter cord moulded ground-gripper tires. (Less Equipment) \$139.95.

Attachments for Tuffy and Super Tuffy
A1. Cultivator \$9 25
A210. Spreader and Seeder 18 95
A40. Snow Plow and Grader 10 95
No. 10439X. Lawn Mower Hitch 10 75

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow
\$15.50



Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. \$14.95.

No. 17 1/2 Single Wheel Hoe

Same as No. 17, except that there is no plow. \$11.95.

No. 18 Single Wheel Hoe

Like No. 17, except that it is equipped with one pair side hoes only. \$10.95.

No. 119 W High Wheel Cultivator

With 5-prong cultivator attachment; one plow and one 2-in. cultivating tooth. Complete \$10.50.

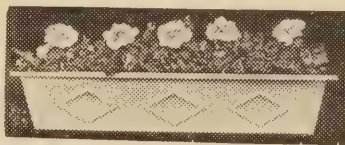
No. 25 Planet Jr. Seeder, Cultivator and Plow

Complete \$37.95

No. 300A Seeder

Complete.....\$36 95

Flower Boxes



For Flowers, Plants, Bulbs

These boxes are all metal, leakproof, durable. Enameled in attractive colors.

Pastel or Fiesta Colors

15 in.	\$0 95
18 in.	1 09
24 in.	1 39
30 in.	1 79
36 in.	2 10

Green

15 in.	\$0 79
18 in.	98
24 in.	1 19
30 in.	1 39
36 in.	1 98

Plant Props

Enameled Green

16 in. overall ...	Doz. \$0 75
30 in. overall ...	1 75
42 in. overall ...	2 10
66 in. overall ...	3 49
78 in. overall ...	5 49



Tomato Rods

48 in. overall...\$2 59

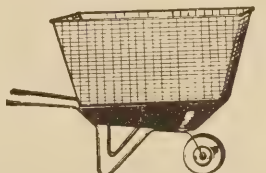
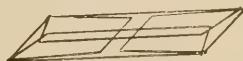
Bamboo Plant Stakes

Dyed Green

2 ft.	Pkg. of 25 \$0 35
3 ft.	50
4 ft.	75

Barrow Basket It's New!
Collapsible Leaf Basket. Inexpensive.
Light Weight! Quickly Attached.
Many Uses! Large Capacity.
Fits all Garden Wheel Barrow Trays 24x27, 33x28 and Similar Sizes.

FOR STORAGE
FOLDED FLAT TO 45" x 36" x 2"



Barrow Basket \$9.95

Hang-Up Feeder

This feeder, with its large hood may help solve the squirrel problem by hanging out far enough away from tree trunk.

\$3.25.



Centrospray

The spray bulb with sprinkler and powder duster. Sprinkles plants and flowers; dusts insecticide powders. 8 ozs. \$1.25; 12 ozs. \$1.80.

Nee Guards

\$2.00 per pair.



Ladies'\$0 00
Men's..... 0 00

Hoe'N Home

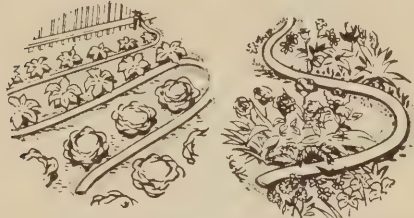
Low-cost Gloves for Household and Garden.

Ladies'\$0 00
Men's..... 0 00



No. 500. Mel-O-Rod.....\$4 95

Canvas Kid Ground Soaker

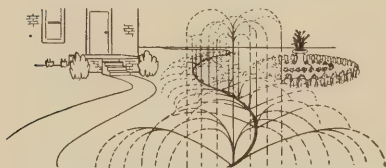


Comes in four sizes, complete with regular hose connection. Easy to operate; simple directions included. Economical, water saving. Made of high-quality, sturdy canvas, double-stitched with extra-strong thread for greater durability.

Stop soil washing. Safer for all plants; all water soaks in. "Better than Rain!"

Model GS-12. 12 ft. long.....	\$1 69
Model GS-18. 18 ft. long.....	2 10
Model GS-30. 30 ft. long.....	3 10
Model GS-50. 50 ft. long.....	4 59

Plastic Flexible Sprinkler



SUPPLEX.

Completely flexible, no matter how odd the shape of a garden or lawn area.

No. 1000. Covers an area of 50 x 20 ft....	\$5 98
No. 600. Covers an area of 25 x 25 ft....	3 98

U. S. ROYALITE LAWN SPRAYER.

The only sprinkler hose that gives you uniform pressure from faucet to full length. Made of 100% virgin vinyl.

25 ft.....	\$3 98
50 ft.....	5 98

Garden Hose

NEPTUNE. Guarantee 10 years.

This easy-to-handle Hose has 1-ply cord construction for extra strength plus flexibility. Red neoprene cover gives an excellent gripping surface, resistant to abrasion. With couplings.

1-ply; Red. $\frac{5}{8}$ in. 25 ft.....	\$4 65
1-ply; Red. $\frac{3}{4}$ in. 50 ft.....	8 45

ROYALITE. Plastic.

Lightweight Hose made of the lightest quality plastic. Non-fading colors and a glossy, smooth surface. Flexible yet amazingly tough. Resists abrasion. With couplings.

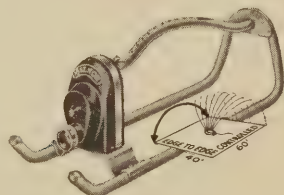
Green; coupled. 25 ft.....	\$4 95
Green; coupled. 50 ft.....	7 95

PLASTIC GARDEN HOSE.

Transparent green plastic hose. Light weight—only $\frac{1}{2}$ the weight of ordinary garden hose. Long Life. Easy to handle. Complete with couplings.

25 ft.....	\$3 95
50 ft.....	6 95

Deluxe Swingin' Spray



Rectangular oscillating sprinkler. Sturdy; featherweight; rustproof.

No. 700. Covers 40 x 50 ft.....	\$11 95
No. 1000. Covers 40 x 60 ft.....	13 95

INSECTICIDES and FUNGICIDES



ARSENATE OF LEAD. Most effective for killing chewing insects. Lb. 69c.; 4 lbs. \$1.55.

ARSENATE OF CALCIUM. Controls insects. Spray or dust on potatoes. Lb. 36c.; 4 lbs. 88c.

ALUMINUM SULPHATE. Used with lime; makes a safe and excellent repellent for Japanese beetles. 5 lbs. 80c.

BORDEAUX MIXTURE. In dry form, to be used as wet spray to control blight on potatoes, tomatoes, celery and tobacco. Lb. 32c.; 4 lbs. 95c.; 48 lbs. \$10.25.



"Black Leaf 40" 40% Nicotine

BLACK LEAF 40. A solution of nicotine sulphate. Kills aphids and sucking insects on vegetables, flowers and plants. Used in poultry houses. Oz. 39c.; 5 ozs. \$1.19; lb. \$2.69; 2 lbs. \$4.79; 5 lbs. \$9.60; 10 lbs. \$16.55.

BLUE STONE—CRYSTAL. Used in making wet Bordeaux Mixture to control blight on potatoes and other vegetables. Lb. 16c.; 10 lbs. \$1.50.

BLUE STONE—INSTANT. Used by potato growers for quick action in dissolving copper in tank while filling. Price on request.

BLUE-MOLD DUST. Controls tobacco blue mold in plant beds. Contains 15% Fermate. Applied in dust form, twice weekly. 25-lb. bag \$4.35.

CARBON BISULPHIDE. Kills weevils and other grain insects. 10 pounds treats 400 bushels. 2½ lbs. 79c.; 5 lbs. \$1.57.

CHLORDANE—5% DUST. Controls and kills insects such as wireworm, white grub, cabbage maggot and cutworm. Use 30 to 60 pounds per acre. Lb. 45c.; 5 lbs. \$1.19.

CHLORDANE—40% WETTABLE. Use as wet spray on fruit, 2½ pounds per 100 gallons; against spittle bugs, use 2½ pounds per acre, mixed with water. 4 lbs. \$2.89.

CHLORDANE—2% LIQUID. Surface spray to control roaches, ants, flies and silverfish. Insects will collapse quickly. Pt. 59c.; qt. 89c.; gal. \$2.79.

CHLORDANE—46% EMULSION. For use against army worm, spittle bug and other pests. Easy to mix with water. Use 1 quart to 100 gallons. To kill flies in barns use 1 gallon to 25 gallons of spray. Gal. \$6.65; 5 gals. \$25.00.

CRAG HERBICIDE NO. 1. A new herbicide for the control of weeds in strawberries, applied in newly cultivated soil to kill germination weed seeds after plants are well established. Use 2 to 3 pounds per acre, wet spray. 4 ozs. \$1.50; 2 lbs. \$4.50.

CUCUMBER MELON DUST. Dual-purpose dust for cucumbers, melons, squash and other vine crops to control insects and fungus. 5 lbs. \$1.89.

DI NITROL. For dormant apple, cherry and peach tree spraying. May be used with or without oil to control aphids and San José scale. Use 1½ pounds to 100 gallons. Lb. 95c.

DITHANE D-14. Used as wet spray on tomatoes and potatoes to control blight. Easy to mix in sprayer. 2 quarts Dithane, 1 pound Zinc Sulphate, ½ pound Lime to each 100 gallons of spray. Price on request.

D-X SPRAY. A Rotenone-Pyrethrum-DDT spray in an active oil base of great penetration, spreading and adherence. For control of both sucking and chewing insects on fruit and shade trees, vegetables and flowers. Oz. 35c.; ½ pt. \$1.75; qt. \$5.50.

D-X ROTENONE. A wet spray for chewing and sucking insects on vegetables. Rotenone is non-poisonous to persons. ½ pt. \$1.50; qt. \$4.75.

DDT—5%. A dry mix DDT dust. Excellent control against pea aphids, cabbage worms, potato insects. Also household ants, roaches and fleas. Lb. 38c.; 5 lbs. \$1.26.

DDT—50% WETTABLE. For insect control on potatoes, peas, cabbage, apples, grapes. Used to control Japanese beetles; also flies in farm buildings. Dilute 1½ to 2 pounds to 100 gallons of water. Lb. 59c.; 4 lbs. \$1.65. Case price on request.

DDT—30%. A liquid containing 30% DDT. Easier to handle than other forms of DDT. Mixes easily with Bordeaux for spraying potatoes or other vegetables. Use 1 quart to 100 gallons of spray. Qt. \$1.15; gal. \$3.75; 5 gallons

DUO COPPER—7%. Use as dust on celery, tomatoes, potatoes, to control early and late blight. 5 lbs. 79c.

DUO-COPPER. A tri-basic neutral copper fungicide to be used on hardy plants like tomatoes, potatoes and celery at rate of 4 pounds per 100 gallons of spray. Used with or without lime. Can be mixed with Arsenate of Lead or DDT. Controls late blight. Plants should be sprayed when 6 inches high. Lb. 65c.; 6 lbs. \$2.45. Case on request.

FRUIT TREE SPRAY or DUST. A combined insecticide and fungicide. Used to control insects and fungus diseases on apples, pears, peaches, plums and ornamentals. Use as dust or wet spray. Lb. 85c.; 3 lbs. \$1.50.

DU PONT FLORAL DUST. Excellent for roses. Controls insects and diseases affecting fruit trees and flowers. 8-oz. gun 89c.; lb. \$1.15; 3 lbs. \$2.50.

DU PONT VEGETABLE DUST. Specially formulated to control most insects and diseases in vegetable gardens; also controls blight. Contains rotenone. Use as dust or wet spray. 8-oz. gun 89c.; lb. \$1.15; 3 lbs. \$2.50.

DU PONT ROSE DUST. This new, quick-acting fungicide stops black-spot, rust, powdery mildew and other blights. Also protects carnations, snapdragons and tulips. 8-oz. gun 79c.; lb. \$1.00.

DU PONT FRUIT SPRAY. Use as wet spray. Contains methoxychlor, fermate and sulphur for insect and disease control on home plantings of apples, peaches, cherries, plums and strawberries. Lb. \$1.15; 3 lbs. \$2.50.

DU PONT DORMANT SPRAY. A superior type oil for pre-foliage spray on ornamentals, fruit and shade trees to control over-wintering forms of insects. 1 quart makes 8 gallons spray for fruit and shade trees. Qt. \$1.25.

DU PONT TOMATO DUST. Protects plants during growing season. Kills insects and controls blight. Easy to dust or spray. 2 lbs. 98c.

INSECTICIDES AND FUNGICIDES, continued

DU PONT CRAB GRASS KILLER. Used as wet spray, kills crab grass and chickweed in lawns. Easy to use. 30 ounces treats 6000 square feet. 7½ ozs. \$1.00; 30 ozs. \$2.95.

DU PONT METHOXYCHLOR. Wet spray. Use 8 ounces to 17 gallons of water to kill insects on flowers, vegetables and fruit. Safe on tender foliage. 8 ozs. 75c.

DU PONT FERMATE. Controls black-spot and rust on roses, apple scab, grape black rot and many other diseases. 8 ozs. 75c.

FRUITONE. Stops harvest drop of apples, pears and other fruits when applied one or two weeks before picking time. 2 ozs. \$1.00; 12-oz. can \$5.00.

LUCKY STRIKE GARDEN SPRAY. Contains DDT pyrethrum for quicker action, 1% pure rotenone for chewing insects and Dithane for early and late blight. Mixes easily with water. 4 ozs. \$1.00; pt. \$2.50.

LIME SULPHUR. Liquid solution for dormant spray. On apples use 1 gallon to 50 gallons; on peaches, for leaf curl use 1 gallon to 10 gallons. Qt. 55c.; gal. \$1.25.

LIME SULPHUR (Dry Powder). Mix with water. Used as dormant spray on trees and shrubs. Lb. 59c.; 5 lbs. \$1.69; 12½ lbs. \$3.45.

LIME, HYDRATED, for DUSTING. Used with Monohydrated Copper Sulphate to dust potatoes and vegetables. Checks blight. 50 lbs. 65c.

LIME, HYDRATED, POWDERED. Soil sweetener; will check growth of moss under trees. Also used with bluestone to make Bordeaux mixture. 25 lbs. 45c.; 50 lbs. 65c.

LINDANE. 25% wettable. Used as wet spray in dairy barns for fly control. 10 pounds to 100 gallons water. Lb. \$2.59; 4 lbs. \$9.95.

LINDANE EMULSION. Highly concentrated; easier to mix with water than the wettable powder for spraying lawns. Gal.

MANZATE FUNGICIDE. New fungicide for control of early and late blight on tomatoes and potatoes; also controls fruit diseases. Use 2 pounds to 100 gallons spray. 25-lb. keg

MARVEL SPRAY. Kills mites and mealybugs on African violets, roses and house plants. Kills on contact. Will not brown tender foliage. 4 ozs. \$1.00.

MARVEL DUST. Dust roses and other plants plagued with red spider mites. Easy to apply. Kills on contact. Lb. 85c.

METHOXYCHLOR—50%. Wettable. Use as wet spray to kill flies in barns, 40 pounds to 100 gallons. A safe insecticide to use on vegetables and fruits. 4 lbs. \$4.10.

MONOHYDRATED COPPER SULPHATE. For dusting purposes only. Mix with Hydrated Dusting Lime to check blight on vegetables. 12½ lbs.

PARADICHLOROBENZENE. Controls peach borers. Use 1 to 3 ounces per tree. Lb. 35c.; 10 lbs. \$3.40.

PARA-SCALECIDE FOR PEACH BORER

PARA-SCALECIDE. Safe and easy peach-borer control. Use in fall. Qt. \$1.45.

PARATHION—15%. Wettable. Use as wet spray. Kills leafhoppers, aphids, bagworms, scale and lace bugs. 1 pound to 100 gallons water. 4 lbs. \$3.19.

PARIS GREEN. ¼lb. 29c.; lb. 79c.

POTATO DUST. (3% DDT and 7% M. Copper.) A superior mixture of DDT and tri-basic copper blended to control fungous diseases such as potato blight and tomato blight, and also to kill insects. Ideal for home gardens, truck lots or potato fields. Contains special sticker to make it last longer on plants. Use 40 pounds per acre. 5 lbs. \$1.19; 50 lbs. \$7.45.

POTATO AND TOMATO DUST. Contains 5% DDT and 7% copper oxide fungicide. Controls insects and checks blight on all hardy vegetables. 2 lbs. 89c.; 5 lbs. \$1.95.

PYROPHYLLITE. A carrier for mixing of dusts with rotenone or DDT. Light and fluffy. 100 lbs. \$2.45.

ROTENONE V 33. Contains .33 rotenone. Very effective against bean beetle and pea aphid. Used as dust, 25 pounds per acre. 5 lbs. 65c.

ROTENONE ¾%. "Lucky Strike." A perfect insect control on vegetables, containing ¾% rotenone. Use as dust or wet spray. Easy to mix with water. Non-poisonous; very effective. 5 lbs. \$1.35; 60 lbs. \$14.58.

ROTENONE 1%. "Tubacide." An activated 1% rotenone dust. Contains sulphur. Acts as a fungicide as well as insect killer. Not toxic to persons. Used on vegetables, tobacco and flowers. 5 lbs. 95c.; case (50 lbs.) \$8.55.

RED ARROW. A concentrated pyrethrum insect spray. Effective thrips control. Easy to mix with water. Ideal for house plants. Oz. 35c.; 4 ozs. \$1.00.

ROSE DUST. Contains Fermate, rotenone, pyrethrum, DDT and sulphur. Specific for fungous disease and insects on roses, annuals and perennials. Lb. \$1.05; 5 lbs. \$3.60.

SCALECIDE —THE COMPLETE DORMANT SPRAY—

SCALECIDE. Used as dormant spray on fruit trees and shrubs. Use early in spring before buds appear. Gal. \$1.30; 5 gals. \$6.25 (your can).

SOY BEAN FLOUR. Prepared and refined for spraying where flour is recommended in spray schedule. Lb. 20c.; 10 lbs. \$1.95.

SLUG SHOT. A standard and safe dust which kills beetles, worms and leaf-eating insects on vegetables and flowering plants. Lb. 50c.; 5 lbs. \$1.95.

SPRAY CATALYZER. Improves spreading and sticking properties of spray solutions. Can be used with arsenate of lead. 2 lbs. 90c.

SULFOCIDE —A Better Summer Spray—

SULFOCIDE. An efficient summer spray for the control of scab and black rot on fruit trees. Excellent for mildew on other plants. Pt. \$1.00; qt. \$1.50; gal. \$3.00.

SUMMER CREAM. A summer spray stabilized for shade trees, evergreens, fruit trees. Safe to use after new growth starts. 8 ozs. 50c.; gal. \$2.50.

SUNOCO SPRAY OIL. Used as dormant spray, delayed dormant and summer spray. Gal. \$1.45; 5 gals. \$5.95.

SULPHUR, DUSTING. A superfine sulphur for dusting on plants for control of mildew, black-spot and other fungous diseases. Lb. 35c.; 5 lbs. 98c.

SULPHUR, WETTABLE. A very fine sulphur especially suited for spraying apples and peaches. Use 6 pounds to 100 gallons water for apples; 4 pounds to 100 gallons for pears. 6 lbs. 69c.; 48-lb. case \$4.96.

SULPHUR, FLOWERS. Sublimed sulphur. Used mostly for livestock and dusting of potato seed. 10 lbs. \$1.00; 50 lbs. \$4.50.

TOBACCO DUST. For dusting flowers and vegetables. Very effective for killing aphids and fleas. Lb. 30c.; 5 lbs. 80c.

TANGLEFOOT. Applied on trees, catches ants, flies, etc. Lb. 89c.; 6 ozs. 49c.

TREE PAINT. Heals breaks and scars. Pt. \$1.50; qt. \$2.25.



TRI-OGEN. Spray treatment for roses. A fungicide, insect killer, repellent. Stimulates plant growth. If you prefer spraying to dusting, this is one of the best spray materials we offer.

E Kit (For 6 to 10 roses) \$1.50
A Kit (16 qts. for 12 to 20 roses) ... 2.35
B Kit (65 qts. for 50 to 80 roses) ... 6.00
C Kit (128 qts. for 100 to 160 roses) .. 9.00

TRI-OGEN ROSE DUST. Three-way formula in dust form containing rotenone, DDT, Fermate and sulphur. Lb. \$1.19; 5 lbs. \$5.00.

TOXAPHENE EMULSION—60%. Kills army worms, grasshoppers and spittle bugs on forage and other crops. Use 1 to 2 quarts per acre, mixed with water. Spraying clover fields helps to increase yields. 5 gals.

WEED DABBER

The easiest way to apply weed killer



As handy as a broom. No muss; no fuss. Simply fill it, use it and then store it if you have not used all the solution. Always ready for instant use in spot-checking lawns for weeds.

**NO DIGGING
NO STOOPING \$2.00 each**

WEED DESTROYERS

AMMATE. Useful for the eradication of certain weeds and helpful in the control of others. It is non-flammable and foliage treated with it is non-hazardous to pets or livestock. 1 pound makes 1 gallon spray. 2 lbs. \$1.15; 6 lbs. \$2.95.

CYANAMID. For weed control in tobacco plant beds, apply in October or 60 days before frost, at the rate of $\frac{3}{4}$ pound for every square yard of plant bed. Also used in early spring to control weeds in asparagus beds. Use $\frac{3}{4}$ pound for every square yard. 100 lbs. \$4.65.

SALT. Applied in early spring to eradicate weed growth. Broadcast generously. 100 lbs. \$1.60.

DOWFLAKE. For weed control; also eliminates dust on tennis courts, parking lots and other locations. Use 4 pounds to a gallon of water for weed control. Apply with watering can. 100 lbs. \$3.35.

LIQUID WEED KILLER. (G. & O.) Destroys all kinds of weeds and vegetation. Add 1 gallon to 40 gallons water, then sprinkle solution upon vegetation you wish destroyed. Ideal for walks, driveways, tennis courts, etc. Qt. 85c.; gal. \$2.10.



END-O-WEED. Apply at any time of day during periods when weeds are growing actively and temperature outdoors is at least 60°. Mix End-o-Weed with water according to directions on the package. Spray entire lawn, applying 1 quart of mixture per 50 square feet of lawn area. In three or four days the weeds start to curl. In a week or so all signs of the weeds will be gone. Kills dandelions, chickweed, plantain and over fifty other weeds. Pkt. 25c.; $\frac{1}{2}$ pt. 98c.; qt. \$2.69.

DU PONT LAWN WEED KILLER. Contains 2,4D. Kills broad-leaf weeds without injury to grass. Mix with water and spray to rid lawns of dandelions, wild onion and other weeds. 8 ozs. \$1.00; 32 ozs. \$2.95.

CRAG HERBICIDE NO. 1. For weed control in strawberries. Offers the grower a chance to reduce his labor cost without injuring the parent strawberry plant or the runner plants. Apply after each cultivation if required. For June-bearing plantings, apply only before blossoming and after picking. 4 ozs. \$1.50; 2 lbs. \$4.50.

COMMERCIAL WEED KILLERS

GOLD BEAR "40". Easily used liquid concentrate. Recommended for weed control in crops and pastures. Gal. \$5.45; 5 gals. \$25.65.

GOLD BEAR "44". Liquid "ester" formulation for control of hard-to-kill weeds and woody plants. Use with care near crops and desirable plants. Gal. \$5.65; 5 gals. \$26.45.

Price of Gold Bear "40" and "44" in 30 and 50-gallon size on request.

FARM FERTILIZERS

Spring 1954 prices per ton for fertilizers delivered in Lancaster County. Packed in 80-lb. paper bags. Prices sent on request for delivery in other counties.

Swifts—Red Steer

Analysis	For Crop	Time Price
5-10-10	"Brimm" Potato Spec.	\$59 95
5-10-10	Regular Potatoes	56 20
5-10-5	Potatoes	51 75
4-12-8	Tomatoes—Peas	53 90
4-12-12	"Blenn" Corn—Special	61 20
3-12-6	Corn—Regular	49 10
0-14-14	Top Dressing	51 60
20%	Super Phosphate	38 15
4-8-12	Tobacco	60 35
Less 10% if paid cash		

Cramer—Powdered

Analysis	For Crop	Time Price
10-6-4	Top Dresser	\$62 70
5-10-5	Potatoes	51 15
5-10-10	Potatoes	55 90
4-12-4	Peas—Tomatoes	49 20
3-12-6	Corn—Oats	48 00
0-14-7	Top Dressing	00 00
0-14-7	Top Dressing—With Borax	00 00
20%	Super Phosphate	38 20
4-8-12	Tobacco	59 80
Less 10% if paid cash		

Vigoro

For plant beds, corn, tomatoes, pasture and orchards.

500 lbs. \$19 25 | 2000 lbs. \$67 00

Special Vigoro for Tobacco Fields

500 lbs. \$19 25
2000 lbs. 67 00

Armour Vertagreen

Analysis	For Crop	Time Price
10-6-4	Top Dresser and Fruit	\$69 00
6-12-12	Potatoes	72 55

Armour Big Crop

Analysis	For Crop	Time Price
10-10-10	Top Dress; Turn Under	\$74 90
5-10-10	Potatoes	56 95
5-10-5	Potatoes	52 35
4-12-12	Potatoes; Tomatoes	58 25
0-20-20		70 15
0-14-14		52 15
0-10-20		52 85
3-12-6	Corn; Oats; Beans	49 75
0-14-7	Top Dressing	46 15
20%	Super Phosphate	38 55
4-8-12	Tobacco	61 15
Less 10% if paid cash		

FERTILIZERS

Packed in 100-lb. bags; also bulk quantities

ADCO. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 5 lbs. \$1.25; 20 lbs. \$2.95.

ALUMINUM SULPHATE. For rhododendrons and azaleas. Increases acidity of the soil. Lb. 8c.; 10 lbs. 75c.; 100 lbs. \$4.75.

ASPARAGUS SALT. Applied on asparagus beds in April and May. 10 lbs. 35c.; 100 lbs. \$1.60.

BLOOD, Dried. For indoor and outdoor culture of flowering plants like roses, carnations, etc. Its chief element is nitrogen. Lb. 15c.; 10 lbs. \$1.45; 100 lbs. \$9.65.

BONEMEAL, Steamed. A pure soft bone splendid for building up worn-out soil, lawns, etc. Quick acting. Lb. 10c.; 10 lbs. 95c.; 100 lbs. \$6.95.

BONEMEAL, Raw. Will not burn. A high-class, slow-acting fertilizer. Used and recommended for roses and bulbs. 32 ozs. 39c.; 5 lbs. 79c.; 100 lbs.

CAMELLIA AND AZALEA FOOD. Made by Armours. Recommended when plants are pale, when buds do not open. Very effective. 10 lbs. \$1.00; 25 lbs. \$1.75.

COTTONSEED MEAL. Apply 800 pounds per acre. Exceedingly rich in potash and ammonia. 10 lbs. \$1.45; 100 lbs.

COW MANURE (Bovine). A shredded, dry fertilizer for garden, lawn and greenhouse. Especially good to mix with compost. 10 lbs. \$1.00; 25 lbs. \$1.60; 50 lbs. \$2.70; 100 lbs. \$5.20.

CYANAMID. Contains 21% nitrogen. For side-dressing of vegetables and grains. Also used on asparagus beds to destroy weeds. Will not harm plants. 100 lbs. \$4.65.

GARDEN FERTILIZER, 5-10-5. Complete garden fertilizer. Easy to apply by hand. Suitable for side-dressing. 80 lbs. \$2.59.

LIME, Hydrated (Powdered). Promotes growth and gives grass a rich color. Applied in early spring. Will sweeten soil that contains too much acid. 10 lbs. 25c.; 25 lbs. 45c.; 50 lbs. 65c.; ton lots.

LIME, Hydrated (Dusting). Used with monohydrated copper sulphate to dust potatoes and other vegetables. 50 lbs. 65c.

LIMESTONE (Ground). 80-lb. bag 75c.

MURIATE OF POTASH. Lb. 10c.; 10 lbs. 95c.

NITRATE OF SODA. For side-dressing vegetables and stimulating growth of plants in beds. 10 lbs. 75c.; 100 lbs. \$4.85.

NUGREEN. A high-nitrogen (44%) fertilizer. Use $1\frac{1}{2}$ pounds per 100 square feet. Can be mixed with water and applied. 80 lbs.

RHODO-AZALEA FOOD. A high acid content fertilizer. Makes foliage green; pushes buds. 5 lbs. 85c.

SHEEP MANURE. A dried manure used on lawns and gardens. Contains 1 to $1\frac{1}{2}$ % nitrogen. 25 lbs. \$1.29; 50 lbs. \$2.49.

SULPHATE OF AMMONIA. Lb. 8c.; 10 lbs. 75c.

SULPHATE OF POTASH. Lb. 10c.; 10 lbs. 95c.

SUPERPHOSPHATE. Lb. 5c.; 10 lbs. 45c.; 80 lbs. \$1.85.

VERMICULITE. An aid in propagating, in seed germinating, in the rooting of cuttings, in lightening heavy soil and in storing bulbs. 3 lbs. 89c.; 20 lbs. \$2.35.

VERTAGREEN. A complete plant food for flowers, garden or lawn. 25 lbs. \$1.70; 100 lbs. \$4.85.

VIGORO. A complete plant food for flowers, lawn or garden. 25 lbs. \$1.70; 100 lbs. \$4.85.



Scotts SPREADERS

Enables you to apply Seed, Turf Builder, Weed & Feed at low specified rates. Sturdy construction with rubber tires. Adjustment controls on handle.

Junior Size	\$7 95
No. 25. Medium lawn size	12 85
No. 65. Suburban size	19 50
No. 100. Estate size	44 50

Germão Hotkaps New Method of Plant Protection



These act like miniature hothouses for individual plants. They are made of special wax paper, tent-like in shape, 11 inches in diameter at the base and 6 inches high. All ready to place over the plant in the field. The Hotkaps protect

plants from frost and insects, keep moisture in the soil, and bring crops into earlier maturity. Healthier, stronger plants and bigger, earlier crops are the result of using Hotkaps. Roll (1000) \$18.35.

100 Hotkaps with Papier Mache Setter \$3.15, postpaid \$3.65.

25 Hotkaps 95c., postpaid \$1.20. Write for quantity prices and pamphlet.

Tie Your Plants with "Twist-Em's"

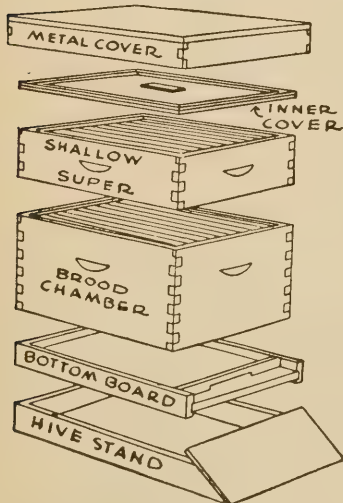
"Twist-Em's" are dark green, strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers.

8-in., box of 100... \$0 25

16-in., box of 100.....\$0 50



A PROFITABLE SIDELINE—KEEPING BEES



A MODERN HIVE

We carry a complete line of Root's Bee Supplies, assembled or knocked down. Write for catalog and prices. Order package of Bees now for May delivery. For beginners: "Starting Right with Bees," 75c. postpaid.

BEE SUPPLIES

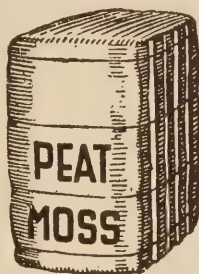
A-1	Stand Hive—10 Frames.....	\$8 58
C-1	Full Depth Supers—No Frame...	2 50
C-12	Shallow Super—No Frames.....	1 45
D-5	Beeway Super with Fixtures.....	2 40
D-8	4 x 5 Super with Fixtures.....	4 25
G-1	Standard Frames 10.....	1 70
H-1	3 Ply Foundation, 10 Sheets....	1 93

The Original Improved Cyclone Seeder



It differs materially and very advantageously from all other Sowers in having a slope feed-board with an oblong hopper which terminates in a metal edge. On this edge oscillates a feed-plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. To anyone desiring a convenient, practical and all-round first-class grain and grass Seeder, a good, large Sower that will meet the most exacting demands, we cannot recommend the Cyclone too highly. Parcel post weight, 6 lbs. \$4.30.

Peat Moss, Horticultural



Large bale.....\$4 50
1/2 bale..... 3 45
1 1/2-bus. box... 1 98

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil.

Wire Flower Border



Attractive design. Adds beauty to your flower garden.

Height 16 in. \$0 10
Height 22 in. 12 100-ft. roll
Height 16 in. \$0 00
Height 22 in. 0 00

Wood Picket Fence

3 ft. long x 12 in. high. 75c.

Lawn Fence

Attractive Fence for lawns or gardens.

Single Scroll

36 in. 100-ft. roll \$15.70 Cut, 18c. per ft.
42 in. 100-ft. roll 17.90 Cut, 20c. per ft.

Double Scroll

36 in. 100-ft. roll Cut, 24c. per ft.
42 in. 100-ft. roll Cut, 27c. per ft.
48 in. 100-ft. roll Cut, 30c. per ft.

"Handi-Cart"

Equipped with 11-in. wheels and 1 1/4-in. puncture-proof semi-pneumatic tires.

Just tip it down and rake grass cuttings, leaves, trash, earth, sand, gravel, or what have you, then tip it back and you have a full load.

No. 53. Holds 3 cu. ft.....\$10 45
No. 20D. Holds 3 1/2 cu. ft..... 15 25
Karry Kart, Special..... 5 57

Steel Wheelbarrows Rubber Tire

No. 4. 3 cu. ft.....\$27 45
No. 11. 4 cu. ft..... 29 45

Garden Barrows

Jax.....\$12 65
Jax De Luxe..... 13 85

PLANT-FOODS



A special powder for treating seed potatoes on a large scale. Produces larger, more uniform crops and more first-grade potatoes. Dust each bushel of cut seed potatoes with 1/2 pound of Tubertone. Remarkable results have followed the use of this treatment. 10 lbs. \$5.00; case (60 lbs.) \$27.00, not postpaid.

Rootone Reg. U.S. Pat. Off.

Makes cuttings easy to root. Dip cuttings in Rootone before planting to give faster and better rooting. Stimulates root growth on cuttings; quickens germination of seed and bulbs; reduces damping-off and wards off fungus attack. 1/4-oz. pkg. (treats 400 cuttings) 25c; 2-oz. jar \$1.00; lb. \$5.00, postpaid.



A water-soluble powder containing Vitamin B₁ to repair root growth when seedlings, flowering plants, shrubs, or trees are moved or transplanted. Highly recommended for transplanting tobacco, tomato and strawberry plants. 1 pound transplants 8 acres. Also beneficial to established plants and shrubs; multiplies roots and makes stronger plants. Sickly plants take on new life when watered with Transplantone every ten days. 1 ounce makes 100 gallons. 1/2-oz. can 25c; 3-oz. can \$1.00; lb. \$4.00, postpaid.



Prevents dropping of apples, pears, peaches, and cherries. Recommended to increase the crops of beans, peas, tomatoes, and other crops. Mix 1/2 pound Fruitone with each 100 gallons of water, one level teaspoonful to a gallon of water. Trial pkg. 25c; 2-oz. can \$1.00; 12-oz. can \$5.00, postpaid.

ROSETONE

A combination of vitamins and hormones to stimulate the growth of new feeder roots. Especially effective if used when roses are transplanted. Soak the roots for an hour in water to which Rosetone has been added at the rate of 1 teaspoonful to a gallon. 1/2-oz. pkt. 25c; 3-oz. can \$1.00, postpaid.

NUTRI-LEAF

Soluble Fertilizer "16-16-16"

Feeds plants through leaves.

Three to four applications during the growing season have increased potato yields from 40 to 80 bushels per acre. Very good results can be obtained on tomatoes and celery. Use 4 to 6 pounds per 100 gallons of water. Can be put in spray tank with copper sprays.
22 ozs. (makes 25 gals. spray).....\$1 00
3-lb. bag..... 93
30-lb. case (ten 3-lb. bags)..... 8 10



Chapin Sprayer No. 198

Made of herculoy, the wonder material for life-time use that resists all caustic solutions. Heavy-duty pump made of drawn brass. Hose is oil-resistant, with 24-inch extension rod and new adjustable nozzle. 4½-inch filler opening gives easy access to wash inside of tank. Adjustable carrying strap. 4-gallon capacity. \$28.80.



Chapin Sprayer No. 140

Funnel-top sprayer for convenience and economy in filling. 3½-gallon capacity with a 24-inch curved brass extension, automatic shutoff, 24-inch high-pressure hose, non-clog nozzle. Tank electrically welded, zinc coated, with seamless brass pump. \$8.90.



Chapin Sprayer No. 120

Tank of rust-resistant galvanized steel with pressure dome top. Easy-operating brass pump. Cam-type funnel-top opening assures easy filling. 26-inch hose is oil-resistant, with trigger-action shutoff and 12-inch brass extension rod and adjustable brass nozzle. 2-gallon capacity. \$8.00.



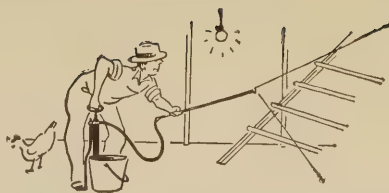
Chapin Sprayer No. 110

Perfect for the suburban home. Top quality, this sprayer is safe and durable. Easy-operating brass pump. Funnel top assures easy filling. 26-inch hose is oil-resistant. Trigger-action shutoff with 12-inch brass extension rod. Brass nozzle. 1½-gallon capacity. \$7.75.

Crystal Duster



Full-view dust chamber. Powerful pump, adjustable nozzle, with 40-inch overall length making dusting easy. \$2.29.



Bucket Pump No. 6

Powerful is the word for Brown No. 6 Bucket Pump. Ideal for short or long-range work. Equipped with strainer screen, it operates with almost all types of liquid. Powerful double-action brass pressure pump maintains 200 pounds pressure. Brass ball valves. Use with any bucket. \$8.59.

Sprayer No. 575

33-ounce capacity. Brass pump with copper bottom. \$5.40.



Sprayer No. 585

2-quart capacity. Heavy galvanized; continuous action. A real sprayer for barn use. \$2.39.



Sprayer No. 560

24-ounce capacity. Glass tank jar; continuous action. Adjustable nozzle. \$2.19.



Sprayer No. 565

Heavy tin. Continuous action. Holds 26 ounces. \$1.35.



Sprayer No. 547

Large capacity. General-purpose sprayer. Holds 30 ounces. 59c.



Sprayer No. 510

Ideal 8-ounce fly and moth sprayer. Glass tank. 45c.



Lawn Bird Bath

Porcelain enamel bowl. Heavy iron base and grille. Dull black finish. \$9.95



Flowerbed Bird Bath

Green ornamental iron base. Stake is pushed into ground about 8 inches. \$4.95.



BIRD BATHS · GAZING BALLS

Large Selection on 1st Floor

Wheelbarrow Sprayer

Large-capacity brass pump. Builds up to 200 pounds pressure with easy, slow working of pump handle, and then sprays for considerable length of time without further pumping. The 1½-gallon pressure tank is equipped with pressure gauge. 12-gallon tank made of galvanized steel; 8-foot high-pressure hose with 24-inch brass extension. \$60.45.

Wheelbarrow Sprayer with semi-pneumatic tire. \$68.85.



Cart Sprayer No. 320

4-gallon sprayer on wheels for easy, efficient operation. Galvanized tank with 4½-inch diameter opening. Brass pump, which builds up quick compression. Long hose with 24-inch brass extension rod; trigger-action shutoff.

\$30.60.



Chapin Weed Burner No. 821

Weed burner for the farm, estate, poultryman. Burners are effectively used against all types of weeds. A sure and quick way to disinfect poultry houses. 4-gallon capacity. Uses kerosene. Easy to operate. \$28.80.



Barrel Sprayers

These sprayers are designed to be mounted on a 50-gallon barrel for big or small jobs with maximum efficiency. They maintain 200 to 300 pounds pressure. The agitator keeps solutions thoroughly mixed. Equipped with high-pressure hose, extensions and nozzle.

High-Power Sprayer..... \$15.90
Heavy-Duty Sprayer..... 20.90
Goliath Sprayer..... 26.90



Combining Thorne Wheat in Lancaster County

Test Plot of Pennoll Wheat



Seneca harvested with binder

FIELD SEEDS

The use of the best seed is the easiest way to improve a farm crop. There is no extra equipment or work involved. In fact, the same work and the same land will produce increased yields if better seed is used. To be assured of good seed use Penna. Certified Seed purchased from Farmers Supply. Telephone your order today. Phone: 7127.

PENNA. CERTIFIED SEED WHEAT

PENNOLL. A superior winter Wheat. This midseason variety is a medium tall, stiff-strawed, beardless, white-chaffed, soft red winter Wheat which has shown good resistance to smut. The grain is heavy and large. Test yields amounted to 45.5 bushels per acre this year. Sow $1\frac{1}{4}$ to 2 bushels per acre.

THORNE. A very popular variety grown by Lancaster County farmers. Beardless variety with stiff straw, medium in height, brown chaffed and producing heavy yields. Test yields were close to Pennoll. Sow $1\frac{1}{2}$ to 2 bushels per acre.

SENECA. Produced from a cross made at the Ohio Agricultural Experiment Station. This almost beardless variety is a sister strain to Thorne, is very stiff strawed, medium in height, brown chaffed and has shown a slightly higher yield and a higher bushel weight than Thorne. Sow $1\frac{1}{2}$ to 2 bushels per acre.

PENNA. CERTIFIED BARLEY

WONG. Winter Barley was developed from a cross made in China and was selected and released by New York Experiment Station. It is a semi-awned type of Barley. Compact, 6-row heads, stiff coarse straw, medium early in maturity and resistant to mildew. Produces heavy bushel and weight yields. Sow 2 bushels per acre.

KENBAR. New type winter Barley released by Kentucky and Pennsylvania Experiment Stations. This variety was selected from a composite cross of many varieties. Kenbar has semi-rough awns, a compact short 6-row head, a fine stiff straw, is medium early in maturity and has shown resistance to mildew and loose smut. Sow 2 bushels per acre.

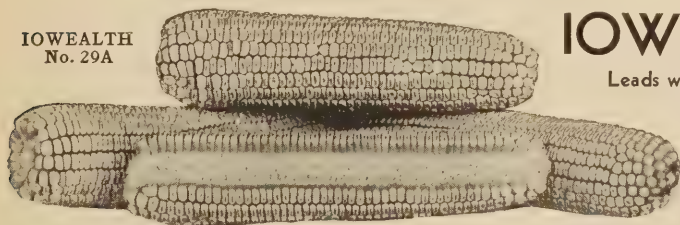
FALL SEEDS

Certified Pennoll Wheat—Treated .
Certified Thorne Wheat—Treated .
Certified Seneca Wheat—Treated .

Certified Wong Barley—Treated . .
Certified Kenbar Barley—Treated . .
 (Our supply of Pennoll Wheat and Kenbar Barley is limited. Do not delay. Order now.)
Domestic Rye Grass 100 lbs.
N. W. Alfalfa—Verified
Grimm Alfalfa—Verified
Buffalo Certified Alfalfa
Ranger Certified Alfalfa
Balboa Rye
Selected Rye
Winter Oats—Certified
Timothy
Permanent Pasture Mixture
Ladino Clover
Brome Grass 100 lbs.
Orchard Grass 100 lbs.
Winter Vetch 100 lbs.

Prices on Fall Seeds available after July 15. Sent on request.

IOWEALTH
No. 29A



IOWEALTH Hybrid Seed Corn

Leads with a remarkable scientific "SPUN-FILM" Treated Seed

"Spun-Film" assures unequalled seeding vitality.

It provides unsurpassed protection against cold, wet weather and soil-borne diseases.

IOWEALTH PRICES:

Lb. 30c; $\frac{1}{4}$ bus. \$3.50; $\frac{1}{2}$ bus. \$6.25; bus. \$12.00

Delivered to farm or railroad station (our option) 200 lbs. or more

U.S. 13 "STATION" HYBRID

Very popular in Chester, Lancaster and Delaware counties, Pennsylvania, and in parts of Maryland, New Jersey, and Delaware. Requires full growing season and good soil. Very strong roots. Large fodder type, often grown for silo. Large flat kernels. Lb. 25c.; $\frac{1}{4}$ bus. \$3.00; $\frac{1}{2}$ bus. \$5.25; bus. \$10.00. Freight paid on 200 pounds or more.

SEED CORN, Open Pollinated

Freight is prepaid on 200 pounds of Open-Pollinated Corn or more **Per Bus.**

Lancaster County Sure Crop
Reed's Yellow Dent
White Cap Yellow Dent
Yellow Sweepstakes
Eureka Ensilage
White Ensilage
90 Day—Yellow

IOWEALTH No. 25

This hybrid is a full-season Corn, giving its best performance on rolling land. It is the best you can get for thin soil and does as well as any on good soil. This hybrid is dark green, medium ear and plant height and top-notch stalks and roots. A clean Corn to pick; dries fast, making it valuable for cribbing. Don't fail to plant part of your acreage to Iowa Wealth No. 25.

IOWEALTH No. 29A

Here is a high-yielding hybrid combining good parent strains for Lancaster County. Tough stalks and roots; drought and beetle resistant. Mammoth ears and wide deep kernels. Best adapted to good soils or rich bottom lands. Lots of ears are fully a foot long. It is fine for hand and machine husking. Also its tall, dark green stalks are very desirable for ensilage.

IOWEALTH AQ

Iowa Wealth AQ is an improved, rugged, strong-stalked, deep-rooted Corn that matures in 90 to 100 days. Never a dropped ear; very tough, willowy stalk. Resists drought. Kernels are deep, wide and starchy. Ear is medium height and will mature in time for picking by machine. Try it once and we know you will want it again. Large or medium flat kernel grades.

CERTIFIED TOBACCO SEED

Penna. Certified Tobacco Seed

All from Seedleaf Tobacco grown and certified in Lancaster County. Foundation seed produced by Department of Agriculture at Tobacco Experimental Laboratory near Lancaster. The following are the varieties available this spring.

SWARR-HIBSCHMAN. A consistently high-yielding strain of cigar leaf that averaged 1766 pounds per acre in 7-year tests.

GREIDER. A cigar-leaf Tobacco of upright growth habit, with somewhat narrower leaves than Swarr-Hibschman, but producing a high percentage of wrappers due to superior quality of lower leaves.

SWARR. A popular strain that usually produces excellent quality Tobacco but is susceptible to black root-rot and often makes poor early growth. However, it has provided the basis for several improved strains.

HOLBEIN. In 3-year tests this proved the best of farmers' selections and has leaves unlike other seedleaf strains. These leaves have a long, oval shape with narrow butt and sharp tip, but cure well and maintain a compact growth.

RED ROSE. A leading strain in eastern Lancaster County. Very broad, short and rather blunt leaves compactly spaced on the stalk. Yield is sometimes affected by black root-rot.

Pkg. 75c., postpaid 80c.

Lancaster County Uncertified Tobacco Seed

Red Rose, Bender, Swarr, Swarr-Hibschman, Hybrid, Red Jumbo, Hill Island, Greider.

Pkg. 35c.; 3 pkgs. \$1.00

If sent by Parcel Post add 5c. pkg.

TOBACCO MUSLIN

Heavy Cloth with Eyelets Bolt

2 x 33½ yds.....	\$7 65
3 x 33½ yds.....	11 45

BISMUTH SUBSALICYLATE

Blue Mold Control (In Tobacco Beds)

Use ¾ pound of Bismuth Subsalsicylate and 4 ounces of Vatsol K to 50 gallons water. This mixture must be well agitated while being used. Blue-mold protection obtained with bismuth spray lasts longer than that with FERMATE. Seven or eight applications should be sufficient. Best results with bismuth are had by spraying heavily and early. Rates of application per 900 square feet of bed, beginning with plants the size of a dime and spraying twice weekly are as follows: first to fourth application, 3 to 3½ gallons; fifth to eighth application, 5 to 6 gallons. Bismuth and Vatsol K for 50 gallons, \$4.95, postpaid \$5.15.

BLUE MOLD DUST

A dust containing 15% Ferbam

For Blue Mold Control in Tobacco Beds

Dust treatment is a preventive and not a cure for blue mold. Begin to apply this dust early when the plants are about the size of a dime or when blue mold is first reported in the area. Dust regularly twice a week until the plants are transplanted and keep the leaves covered with dust. If a rain washes it off, make another application at once, when blue mold is active. Three applications a week may be necessary if blue mold comes into the bed, and the rate of application should be increased.

Apply the dust with a good crank-type duster. A puff-type duster may be used in small bed areas. Fill it about two-thirds full for an even application. Apply the dust in the early morning when the air is quiet and the tobacco leaves are moist with dew. Apply enough to put a coating of dust on the leaves.

Amount to apply for 100 square yards of bed:

First to fourth application	1 to 1½ pounds
Fifth to sixth application	1½ to 2½ pounds
Seventh and over	3 to 3½ pounds
	25 lbs. \$4.35

TRANSPANTONE

Reg. U. S. Pat. Off.

A water-soluble powder to promote root growth when seedlings are transplanted. Multiplies roots and makes stronger plants. One pound treats 8 acres. Use ½ ounce to a barrel of water when transplanting. 3-oz. can \$1.00; lb. \$4.00, postpaid.

V. H. P. F. SOLUBLE FERTILIZER

A complete fertilizer, soluble in water. Used at transplanting time at the rate of 3 pounds to 100 gallons of water. Insures rapid growth, better stands, easier ripening; mixes readily in tank. 3 lbs. 80c; 30 lbs. \$7.50.

BORDEAUX MIXTURE. In dry form, to be used as wet spray to check wild fire in tobacco beds. Use 4 pounds to 50 gallons. 4 lbs. 95c.; 48-lb. case \$10.25.

BLOOD, DRIED. High nitrogen content. Used to force tobacco plants in late stage. Use 10 pounds to 100 square yards. 100 lbs. \$9.65.

FERMATE. Powder to be used as wet spray to control blue mold in tobacco beds. Use 3 pounds per 100 gallons of water. 3-lb. bag \$2.59.

NITRATE OF SODA. Contains 16% nitrogen. Stimulates tardy growth in tobacco plants. Use 2 to 3 pounds per 100 square yards. Leaves must be washed off after application. Burns if left on. 10 lbs. 75c.; 100 lbs. \$4.85.

SNAROL PELLETS. Kills snails, slugs and sowbugs. Use in tobacco beds. Easy to apply. 2½ lbs. 75c.; 6 lbs. \$1.65.

CYANAMID. For weed control in tobacco plant beds, apply in October or 60 days before frost, at the rate of ¾ pound for every square yard of plant bed. Also used in early spring to control weeds in asparagus beds. Use ¾ pound for every square yard. 100 lbs. \$4.65.

for Bigger, Sturdy TOBACCO PLANTS . . FEED VIGORO!

It takes strong, high-quality plants that can be set into the fields with a minimum of setback to make the best tobacco. Such plants take hold quickly and grow steadily until mature.

To be sure of a good supply of strong healthy plants—the kind that have big, well-developed roots—make sure that you supply what tobacco needs right in the plant bed. It is easy! Just work Vigoro COMPLETE PLANT FOOD into the bed before you sow the seed. Most growers use about the same amount of Vigoro that they would normally use of a special plant-bed mixture; others use a little less.

If you could talk to these growers, you would learn first hand that they give Vigoro credit for helping them have a fine big supply of strong, thriving, big-rooted plants ready when it is time to plant the fields.

Grow Husky

Plants with . . .

VIGORO
COMPLETE PLANT FOOD



137-139 EAST KING ST., LANCASTER, PA.

Date _____

СК.

M. O. _____

CASH _____**C.O.D.** _____

Express Office _____

Ship by _____

All Field Seeds delivered in Lancaster County.

To all other points F. O. B. Lancaster.

Potato and Onion sets are F.O.B. Lancaster or at designated unloading points off cars.

No mail order accepted
for less than \$1.00

[illegible]

Notice! The exact items you desire may be unobtainable when this order reaches us, due to crop shortages.

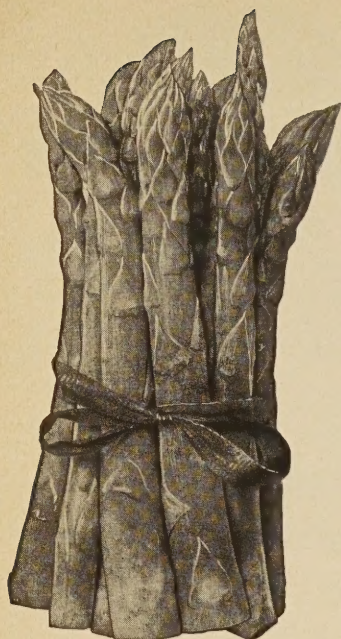
May we send you a similar variety subject } Yes No
to your approval if we are out of stock? } ☐ ☐

We assume the privilege of substituting if no indication is made above.

Amount Forward . . .

While we exercise the greatest care to have all seeds, plants and bulbs pure and reliable, we give no warranty, expressed or implied, as to description, purity, productiveness, variety or any other matter of any seeds, plants or bulbs that we send out; and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once and the money paid will be refunded.

THE PENNA. SALES TAX is 1% or 1 cent for each dollar or fraction of a dollar. Vegetable Seeds, Plants and Roots are exempt to all, including home-gardeners. The tax is payable only on flower seeds, bulbs, roses and miscellaneous garden supplies.

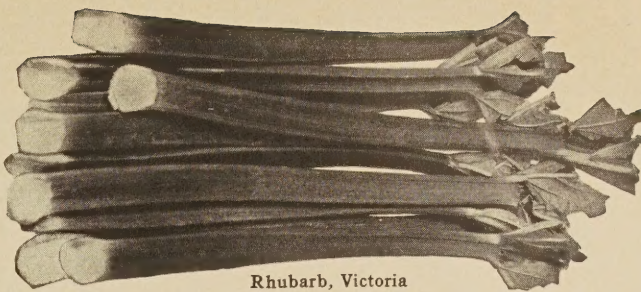


Asparagus,
Mary Washington

ASPARAGUS

Mary Washington. An early variety with long, thick stalks. Rich green in color, with folded tips; luscious flavor. Recommended for market and the home garden. \$1.00 for 25; \$3.50 per 100; \$33.00 per 1000. F.O.B. Lancaster, Pa.

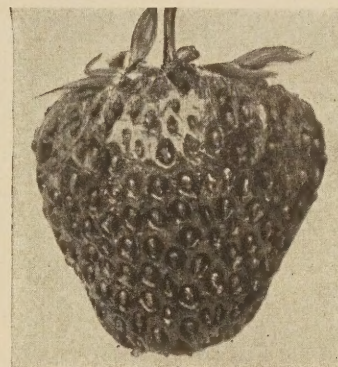
ASPARAGUS CULTURE. The roots should be planted early in the spring. Dig a trench 12 to 15 inches deep, and in the bottom of it place well-rotted stable manure or a complete fertilizer and hydrated lime; cover with a layer of soil. Roots should be spaced about 18 inches apart, with 4 feet between rows. Cover them with soil to a depth of 8 inches, and add more earth gradually as the shoots grow. Apply more fertilizer late in summer, and a winter mulch of stable manure or grass clippings. Do not cut any shoots until the second year. Use a sharp knife, and make the cut just below the ground surface.



Rhubarb, Victoria

RHUBARB

Victoria. This is a tender, thin-skinned variety with brilliant red stalks of fine flavor, low in acidity. It does especially well in the North, where it has been a favorite for years. Rhubarb needs rich, well-manured soil. Roots should be set 3 to 4 feet apart and 3 to 4 inches deep. A heavy manure mulch around the crowns each winter will help to keep the plants vigorous. 25¢ per root; \$1.25 for 6.



Strawberry, Catskill

SOME FINE STRAWBERRIES

DORSETT. Extra early, but frost, drought, and rain do not damage them. Large, solid berries, splendid for canning and shipping. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

PREMIER. Early and very productive. Probably the most profitable and popular in the Northern and Middle States. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

FAIRFAX. Extra-fine quality. Large, firm berries, quite dark when ripe. Ideal for home-gardens. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

CATSKILL. A midseason variety yielding heavily. Good quality, firm, attractive. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

FAIRPEAKE. Late. Top quality, nearly frostproof. Firm, rich red berries. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

BIG JOE. Brilliant red berries in midseason. Fairly firm, large; fine flavor. Moderate in yield. \$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.

Prices quoted on larger lots and other varieties upon request.

Plants listed above are F.O.B. Lancaster, Pa.

CULTURE. It is important to set out the plants early in the spring. Any fertile, well-drained garden soil will grow Strawberries. Set the plants about 18 inches apart in rows 3 feet apart. The roots should be allowed to go straight down, with the soil pressed firmly against them. Keep the bed well but shallowly cultivated, and as the runners appear train them out from the mother plant. Do not allow fruit to form until the second year. A straw mulch will help to keep down weeds, to conserve moisture, and to prevent the fruit from getting dirty. A winter mulch is a good protective measure.

Our Strawberry plants have strong, heavy roots. All the plants are carefully dug, inspected and packed in ventilated crates. If you are unable to set out the plants as soon as they arrive, be sure to open the bundle and heel the plants in.

Fairpeake STRAWBERRIES

A Strawberry with all the important good qualities—size, rich color, firmness and flavor. Nearly frostproof because it blooms so late in the season, but in very cold areas it should be well mulched before hard freezing weather arrives. The average size of the berries compares very well with the largest and best on the market; they average 20 to 30 to a quart. Their color is brilliant rich red with bright yellow seeds and fresh green cap, making them very attractive. The quality is excellent. This is an extra-good fancy late variety, firm enough to stand shipping well and always commanding a good price on the market. Fairpeake needs well-tilled, dark loamy soil and has been found to do very well where irrigation is used.

\$3.00 per 100; \$7.00 for 300; \$17.00 per 1000.



NOTICE. These Strawberry plants cannot be sent by mail. PLACE ORDER EARLY and call March 30 at 137 E. King St. for plants



red rich

EVERBEARING

TRADE MARK

STRAWBERRIES

*The Biggest,
Reddest, Sweet-
est Berries you
ever saw*

EVERBEARING
Perfect for Freezing

Here is a marvelous new everbearing Strawberry that is really EVERBEARING. It is impossible to find the words to describe how delicious and attractive this new berry really is. There have been everbearing varieties before, but this beats them all. The berries are big, solid and firm all the way through. They ripen evenly and possess such an abundance of natural sugar that it is unnecessary to add any more. The firm flesh is red through to the core, and best of all the berries will not become soft and flabby when thawed after freezing. This means that Red Rich will find its way into frozen food lockers week after week, as thousands of families lay it away for winter use. It is quite possible to enjoy these marvelously

\$5.00 for 25; \$8.50 for 50; \$15.00 per 100

Postpaid—Sent direct to you from Nursery. Orders must be placed early. Complete Planting Instructions with each shipment.

sweet berries all the year round if you plant enough to freeze plenty of them.

This new variety is the result of crossing the Wayzata everbearing and the Fairfax June-bearing Strawberries. Fairfax has long been famed for its quality—so now you can have that same top quality in an everbearing sort. Planted in early spring, Red Rich will bear in June and all through the summer and fall. Because of its heavy yield, fewer plants are needed. For the average family twenty-five plants per person are recommended. The crown and root system are exceptionally large, as well as the leaves. This is a rugged plant and a heavy producer, recommended for the table, for freezing and for the commercial grower.

FARMERS SUPPLY COMPANY

Premier **STRAWBERRIES**

This has been the standard main-crop variety for many years. It is very widely planted because it is such a sure cropper. Vigorous, early and frost-proof, Premier bears heavily over a long fruiting season. Berries are large at the beginning of the season, gradually becoming smaller. They are bright red with no green tips and are firm enough to stand truck shipment. Juicy and of fine quality, they are used in great quantities for freezing and processing. Tough, heavy, disease-free foliage protects the blossoms from being damaged by frost. Well adapted to all kinds of soil—sandy, clay or loam—and even produces a good crop under unfavorable weather conditions. Makes plenty of new plants for a good fruiting row. Premier is such a dependable variety that it has long been the one indispensable to every grower.

\$3.00 for 100; \$7.00 for 300; \$17.00 per 1000

NOTICE. These Strawberry plants cannot be sent by mail. **PLACE ORDER EARLY** and call March 30 at 137 E. King St. for plants.

